

NEIL L. FUHRER & ASSOC. LLP

ATTORNEYS AT LAW

477 MADISON AVENUE, NEW YORK, N.Y. 10022

146026



NEIL L. FUHRER (N.Y. & PA. BAR)

(212) 681-7888
EMAIL: fuhlaw@aol.com
FAX: (212) 656-1141

February 15, 2013

United States Environmental
Protection Agency - Region 11
290 Broadway
New York, New York 10007-1866

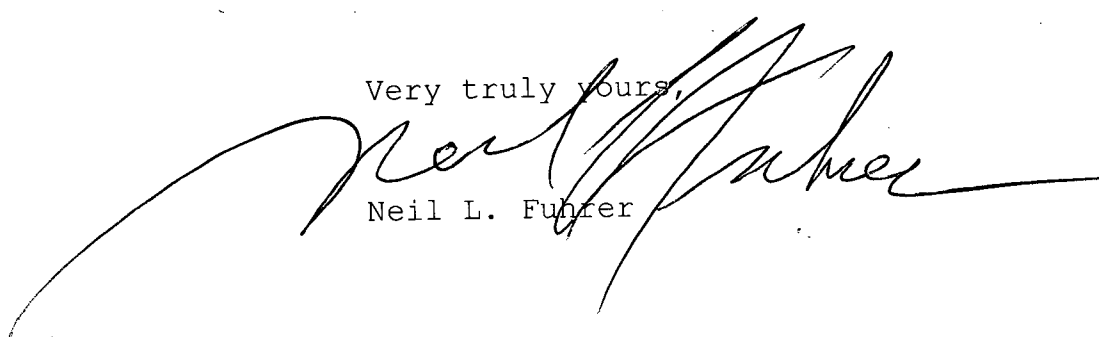
Att: Michael Mintzer, Assistant
Regional Council
Office of Regional Council

Re: Empire Transit Mix Inc.-
Newtown Creek Super Fund Site

Dear Mr. Mintzer:

Enclosed please find a response including exhibits to your
request for information submitted to my client Empire Transit
Mix, Inc.

Very truly yours,


Neil L. Fuhrer

NLF/fw
Encl.

RESPONSE TO REQUEST FOR INFORMATION

SECTION 1.0 - Company Information

1. a. The full legal corporate name and mailing address of the company is Empire Transit Mix, Inc. (EMPIRE), 430 Maspeth Avenue, Brooklyn, New York 11211.
- b. EMPIRE was incorporated in New York State on October 23, 1992. There are no agents for service of process.
- c. Rocco Tomassetti is the Chief Executive Officer of EMPIRE. Serafino Tomassetti is a stockholder.
- d. N/A
- e. N/A
- f. EMPIRE is the sole tenant of premises 430 Maspeth Avenue, Brooklyn, New York. The former owner of that premises was Maspeth Avenue Plant Inc. The present owner of the real estate is D.G.R. Properties, LLC. (See exhibits 1 through 1F attached)

SECTION 2.

All future communications from E.P.A. should be sent Attention: Rocco Tomassetti at 430 Maspeth Avenue, Brooklyn, New York 11211 with a copy to Neil L. Fuhrer & Assoc. LLP, email: fuhlraw@aol.com, 477 Madison Avenue, New York, NY 10022, phone: 212-681-7888, attorney.

SECTION 2.0

3. a. The stockholders of EMPIRE are Rocco Tomassetti and Serafino Tomassetti. EMPIRE operates a concrete plant at 430 Maspeth Avenue, Brooklyn, New York, and has done so since its incorporation in October 1992.
- b. DGR Properties LLC is the owner of premises 430 Maspeth Avenue, and has been such since October 24, 2001 and continuously to date.

The ownership interest of DGR Properties LLC and EMPIRE are identical.

- c. Copies of the recorded deeds are presently unavailable but are being located.
- 4.
 - a. The principal business conducted by EMPIRE and the entire plant site consists of a concrete, ready mix plant, and related activities. No deliveries are received at the plant from barges or floating shipping.
 - b. EMPIRE operates without a written lease.
- 5. Facility Plan.
 - a. Attached hereto as Exhibit 5A is the Facility Plan of EMPIRE.
 - b. Attached hereto as Exhibit 5B are above ground diesel fuel vault tank installation plans.
- 6.
 - a. EMPIRE is in possession of no historic maps, photos or surveys prior to its leasing of the premises.
- 7.
 - a. No.
 - b. No.
 - c. N/A
- 8.
 - a. For a short period prior to August, 2001 EMPIRE received deliveries of gravel over the waters of Newtown Creek. The materials did not consist of hazardous industrial waste, petroleum, etc. It was claimed that such materials were dropped and became located in Newtown Creek.
 - b. In connection with the deliveries as set forth in 8a. EMPIRE used a crane.
 - c. No.
 - d. N/A
 - e. EMPIRE has conducted no over water activities since August, 2001, and then only for a short period of time.

Those activities consisted of delivery of washed gravel by barge to EMPIRE'S premises.

9. EMPIRE knows of no outfalls or discharges from its facility into Newtown Creek.
10. a. No fill was placed on the facility property.
b. This information is unknown to EMPIRE.
11. See Facility Diagram Exhibit 5A. See Exhibit 5A for sewer connections.
12. b. EMPIRE knows of no discharge of liquid waste, other than through the New York City Sewer System.
c. EMPIRE has never participated in New York City Pre-Treatment Program nor been classified as a significant industrial user.
d. EMPIRE knows of no permits with regard to industrial waste water discharge.
e. EMPIRE knows of no administrative order issued relating to sewer usage.
f. EMPIRE knows of no hearing transcripts violations with regard to New York City Sewer System.
g. See Facility Diagram Exhibit 5A.
13. a. Other Newtown Creek Properties - N/A .
14. a. N/A

SECTION 3.0.

15. a. EMPIRE is a concrete producer. See Facility Plan Exhibit 5A attached hereto. Materials used by EMPIRE consists of natural sand, natural stone, cement in silo, silica slag in silos and chemicals as per attachment 15A.

- b. EMPIRE operates approximately 60 vehicles including concrete transport trucks at the facility. Truck cleaning materials consists of NYC water and soaps applied by hoses. A waste oil storage tank of 275 gallon capacity is operated under the supervision of the D.E.C.
- 16. EMPIRE has not utilized any vessels since August, 2001 then, only for the delivery of clean gravel. A sling was used under a crane at all times of delivery and EMPIRE knows of no spills into the Newtown Creek.
- 17. EMPIRE'S operations do not include tank cleaning.
- 18. a. See Exhibit 15A for chemicals used by EMPIRE in its concrete production.
b. EMPIRE did not produce any hazardous waste or substances nor industrial wastes. Waste oil is removed from the premises by an independent contractor.
- 19. There are no oil/water separators at the facility.
- 20. See Facility Diagram Exhibit 5A for above ground storage tank location. See Exhibit 20.
- 21. See Facility Plan Exhibit 5A. There are no underground tanks serving the facility.

SECTION 4.0.

- 22. a. The Company has never been involved in any civil litigation with regard to environmental matter.
b. N/A
c. See Exhibit 22C.

SECTION 5.0.

- 23. No.
- 24. No contaminated soil has ever been excavated or removed from the facility during EMPIRE'S occupancy of the premises.
- 25. N/A
- 26. N/A
- 27. N/A
- 28. EMPIRE is not aware of any investigations of soil, water, sediment, geology, hydrology or air quality at its facilities.
- 29. EMPIRE is not aware of any ground water monitoring wells at its facilities.
- 30. EMPIRE is not aware of any environmental investigation or reports of its facilities.

SECTION 6.0.

- 31. EMPIRE has a Certificate of Operation from the Department of Environmental Protection Bureau of Environmental Compliance which is current. See Exhibit 31.
- 32. EMPIRE is aware of no settlement agreements or administrative orders with regard to environmental agencies relating to the facility.
- 33. EMPIRE is aware of no violations, citations, deficiencies and/or accidents, other than as set forth herein.
- 34. EMPIRE has a license from the Department of Environmental Protection, Bureau of Environmental Compliance which is current. EMPIRE also has permits

from the DEP, NYC Fire Department, Bureau of Fire Prevention and NYC Department of Buildings Asbestos Exemption Certification, and NYC DEP Boiler.

SECTION 7.0.

35. EMPIRE has consulted Rocco Tomassetti and Dina Tammaro with regard to this response to the Request For Information. Both parties can be contacted at the offices of EMPIRE.
36. The person having responsibility for the Company's environmental matters is Rocco Tomassetti at the Company's offices.
37. Annual financial statements for the past three years are confidential and privileged and are not attached hereto.
38.
 - a. Premises of EMPIRE were inundated with water emanating from Newtown Creek which flooded its offices and destroyed many of its records. Search is continuing for documents to enable EMPIRE to respond to #38a.
 - b. EMPIRE knows of no such entity.
 - c. EMPIRE has no agreements to indemnify.

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION
NEWTOWN CREEK SUPERFUND SITE

State of NEW YORK:

County of NEW YORK:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that the Company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or my Company's response thereto should become known or available to the Company.

ROCCO TOMASSETTI

NAME (print or type)

PRESIDENT

TITLE (print or type)

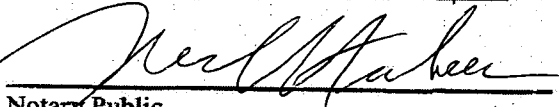
EMPIRE TRANSIT MIX, INC.

COMPANY NAME



SIGNATURE

Sworn to before me this 15 day of Feb, 2013:


Notary Public

My commission expires: _____

[STAMP OR SEAL]

Neil L. Fuhrer
Notary Public, State of New York
No. 02FU6427750
Qualified in New York County
Comm. Expires January 31 2015

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through October 22, 2012.

Selected Entity Name: EMPIRE TRANSIT MIX INC.

Selected Entity Status Information

Current Entity Name: EMPIRE TRANSIT MIX INC.

DOS ID #: 1675206

Initial DOS Filing Date: OCTOBER 23, 1992

County: KINGS

Jurisdiction: NEW YORK

Entity Type: DOMESTIC BUSINESS CORPORATION

Current Entity Status: ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

EMPIRE TRANSIT MIX INC.

430 MASPETH AVENUE

BROOKLYN, NEW YORK, 11211

Chairman or Chief Executive Officer

ROCCO TOMASSETTI

430 MASPETH AVE

BROOKLYN, NEW YORK, 11211

Principal Executive Office

EMPIRE TRANSIT MIX INC.

430 MASPETH AVENUE

BROOKLYN, NEW YORK, 11211

Registered Agent

NONE

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which

1a

would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	\$ Value per Share
200	No Par Value	

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
OCT 23, 1992	Actual	EMPIRE TRANSIT MIX INC.

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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**New York City Department of Finance
Office of the City Register**

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Detailed Document Information

DOCUMENT ID:	FT_3500007867550	CRFN:	N/A
# of PAGES:	9	REEL-PAGE:	5337-348
DOC. TYPE:	DEED	FILE NUMBER:	N/A
DOC. DATE:	10/24/2001	RECORDED / FILED:	10/30/2001
DOC. AMOUNT:	\$0.00	BOROUGH:	BROOKLYN
% TRANSFERRED:	N/A	RPTT #:	21100
MESSAGE:	N/A		

PARTY 1

NAME	ADDRESS 1	ADDRESS 2	CITY	S
MASPETH AVENUE PLANTINC	430 MASPETH AVE		BKLYN	

PARTY 2

NAME	ADDRESS 1	ADDRESS 2	CITY	S
D G R PROPERTIES LLC	430 MASPETH AVE		BKLYN	

PARTY 3/Other

NAME	ADDRESS 1	ADDRESS 2	CITY	S
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PARCELS

BOROUGH	BLOCK	LOT	PARTIAL	PROPERTY TYPE	EASEMENT	AIR RIGHTS	SUBTERRANEAN RIGHTS	PROPERTY ADDRESS
BROOKLYN / KINGS	2928	30	ENTIRE LOT	PRE-ACRIS	N	N	N	

1f

REFERENCES							
CRFN	DOCUMENT ID	BOROUGH	YEAR	REEL	PAGE	FILE NBR	

REMARKS

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NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through October 22, 2012.

Selected Entity Name: MASPETH AVENUE PLANT INC.

Selected Entity Status Information

Current Entity Name: MASPETH AVENUE PLANT INC.

DOS ID #: 1596692

Initial DOS Filing Date: DECEMBER 16, 1991

County: KINGS

Jurisdiction: NEW YORK

Entity Type: DOMESTIC BUSINESS CORPORATION

Current Entity Status: INACTIVE - Dissolution (Oct 04, 2006)

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

ROCCO TOMASSETTI
430 MASPETH AVE
BROOKLYN, NEW YORK, 11211

Chairman or Chief Executive Officer

ROCCO TOMASSETTI
430 MASPETH AVE
BROOKLYN, NEW YORK, 11211

Principal Executive Office

ROCCO TOMASSETTI
430 MASPETH AVE
BROOKLYN, NEW YORK, 11211

Registered Agent

NONE

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which

1F

would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	\$ Value per Share
200	No Par Value	

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
DEC 16, 1991	Actual	MASPETH AVENUE PLANT INC.

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through October 22, 2012.

Selected Entity Name: D.G.R. PROPERTIES, LLC

Selected Entity Status Information

Current Entity Name: D.G.R. PROPERTIES, LLC

DOS ID #: 2693121

Initial DOS Filing Date: OCTOBER 26, 2001

County: SUFFOLK

Jurisdiction: NEW YORK

Entity Type: DOMESTIC LIMITED LIABILITY COMPANY

Current Entity Status: ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

NEIL L. FUHRER & ASSOC. LLP
295 MADISON AVENUE
NEW YORK, NEW YORK, 10017

Registered Agent

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

1F

# of Shares	Type of Stock	\$ Value per Share
-------------	---------------	--------------------

No Information Available

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
OCT 26, 2001	Actual	D.G.R. PROPERTIES, LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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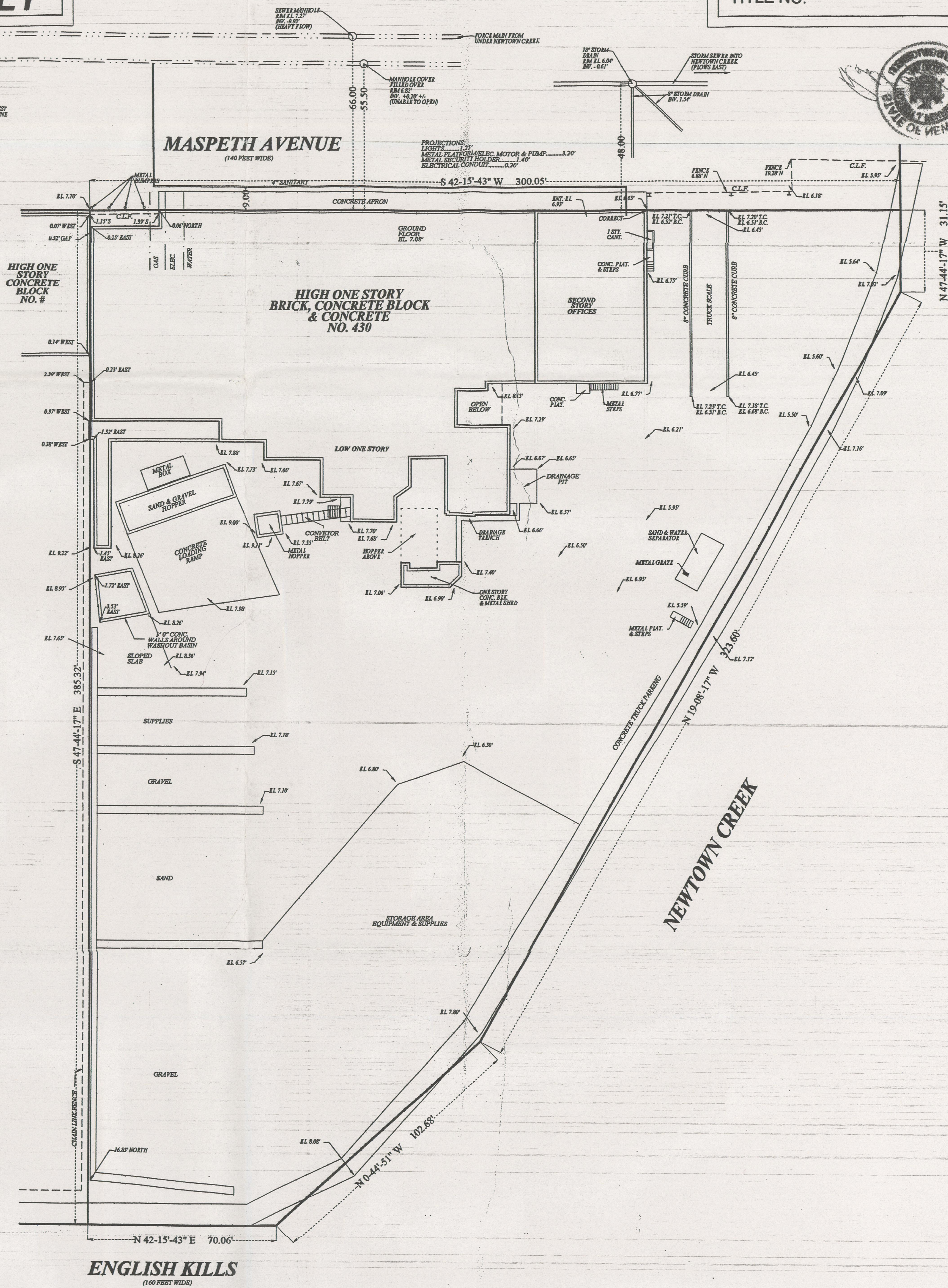
FACILITY PLAN

5A

BLOCK: 2928
LOT: 30
TOTAL LOT AREA:
SQ. FT.: 80125.931
ACRES: 1.8394

ARCHITECTURAL SURVEY

TITLE NO.



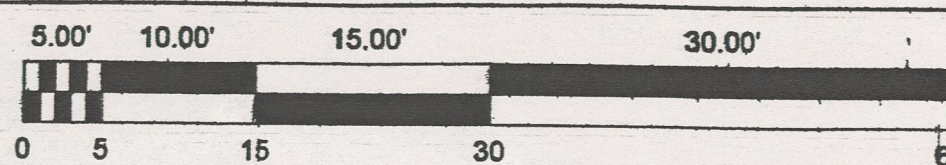
LEGEND

⊙ E	ELECTRIC MANHOLE COVER	⊙ P.M.	PARKING METER
— E	UNDERGROUND ELECTRIC PLANTS	— C.B.	CATCH BASIN
— G.W.	OVERHEAD UTILITY WIRES	⊙ C.O.	CLEAN OUT MANHOLE COVER
⊙ T	TELEPHONE MANHOLE COVER	— T.S.P.	TRAFFIC SIGN POLE
⊙ W	TELEPHONE LINES	12" T	12" TREE & 12" TREE IN TREE HT.
— W	DEPARTMENT OF WATER SUPPLY MANHOLE COVER	⊙ U.P.	UTILITY COMPANY POLE
— W.M.	WATER MAIN	⊙ F.O.F.	FUEL OIL FILL
— W.D.	DEPARTMENT OF WATER SUPPLY WATER GATE	⊙ F.A.	FIRE ALARM PULL BOX
⊙ W.V.	WATER VALVE	— C.C.	CURB CUT
⊙ G.V.	GAS VALVE	— S.S.	SANITARY SEWER
— G.M.	GAS MAIN	⊙ S.M.C.	SEWER MANHOLE COVER
— S.M.	STEAM MAIN	⊙ S.L.	STREET LIGHT
⊙ M.L.P.	METAL LIGHT POLE		
⊙ M.T.L.P.	METAL TRAFFIC LIGHT POLE		
⊙ F.H.	FIRE HYDRANT		

ENGLISH KILLS

(160 FEET WIDE)

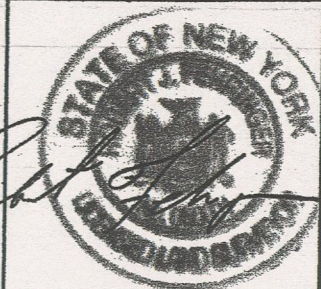
NOTES:
THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES IN THE PROPERTY AS SHOWN ON THIS SURVEY.
ALL ELEVATIONS ARE IN BROOKLYN HIGHWAY DATUM, WHICH IS 2.54 FEET ABOVE THE NATIONAL GEODETIC SURVEY DATUM OF 1929 (US COAST AND GEODETIC SURVEY DATUM) MEAN SEA LEVEL, SANDY HOOK, NEW JERSEY.
ALL UNDERGROUND UTILITIES INDICATED HEREON HAVE BEEN PLOTTED FROM MAPS AS PROVIDED BY THE RESPECTIVE UTILITY COMPANIES AND/OR GOVERNMENTAL AGENCIES. WE BEAR NO RESPONSIBILITY FOR THEIR ACCURACY OR COMPLETENESS. IT IS THE OWNER'S RESPONSIBILITY TO CONTACT THE APPROPRIATE UTILITY COMPANY PRIOR TO ANY EXCAVATION IN ORDER TO VERIFY ALL UTILITY LOCATIONS.
ALL MANHOLE COVERS PLOTTED FROM ACTUAL FIELD MEASUREMENTS.
THE POSITION OF ELECTRIC, GAS & TELEPHONE DUCTS WILL BE ADDED TO THE PLAN IF INFORMATION IS FURNISHED BY THEM.
CAUTION:
BEFORE DOING ANY DIGGING OR DRILLING ON THIS SITE IT IS REQUIRED THAT SUB-SURFACE SERVICE, INCLUDING THE UNDERGROUND MAINS, DUCTS & CABLES BE MARKED AND IDENTIFIED BY THE UTILITY INVOLVED. THIS SHOULD BE DONE BY PROVIDING THE AFFECTED UTILITY WITH THE NOTICE REFERRED TO IN THE STATE OF NEW YORK INDUSTRIAL CODE 53.



SCALE: 1" = 20' SURVEYED: JUNE 3, 2003

SURVEY OF PROPERTY SITUATED IN:
BOROUGH OF BROOKLYN
COUNTY OF KINGS
CITY OF NEW YORK
STATE OF NEW YORK

FEHRINGER SURVEYING, P.C.
ROBERT FEHRINGER
LICENSED LAND SURVEYOR
148 NORTH PARK AVENUE
ROCKVILLE CENTRE, N.Y. 11570
(516) 763-5415 FAX NO. (516) 763-5525



SPECIFICATIONS

HOOPER VAULT TANK OR LISTED 2085 PROTECTED SECONDARY CONTAINMENT TANK

GENERAL TANK DESCRIPTION

- 1.1 Hoover Vault Tanks are constructed and listed in accordance with Underwriters Laboratories Inc. Standard 2085 for Insulated Secondary Containment Aboveground Tanks for Flammable and Combustible Liquids, Protected Type. This 2 hour fire rating shall exceed all requirements of The National Fire Protection Association Sections 30 and 30A for "fire resistant" tanks and meet the requirements of The Uniform Fire Code Article 52 and 70, Appendix B and Appendix Standard A-II-8-1 for "protected" above ground tanks.
- 1.2 The standard model Hoover Vault Tank is constructed as a UL listed secondary containment tank, utilizing steel inner and outer tanks.
- 1.3 All Vault Tank designs are resistant to bullet penetration according to Appendix B of the UFC.
- 1.4 Lightweight concrete surrounds the primary storage tank and shall be listed to allow the detection of leaks from the primary tank.
- 1.5 The tanks shall have Certification from CARB for Phase I and II Vapor Recovery.
- 1.6 The anchoring tie downs shall be welded to the bottom of the secondary tank and meet Zone 4 Seismic requirements.
- 1.7 The tanks must be off-loaded on site with a crane.
- 1.8 All openings shall be from the top, with threaded NPT risers.
- 1.9 The Tank Manufacturer shall provide certificate of insurance that provides a minimum of eleven million dollars (\$11,000,000) of Product Liability Coverage per occurrence.
- 1.10 The Vault Tank to include a Warranty for 20 or 30 years, depending upon model purchased.
- 1.11 The Tank Manufacturer shall provide proof of a minimum 5 years of manufacturing vault tanks.

PRIMARY STORAGE TANK

- 2.1 The standard primary storage tank shall be rectangular in design. It shall be constructed of UL specified steel thickness with continuous welds, inside and out.
- 2.2 The primary storage tank shall be constructed and listed in accordance with UL 142 Standards.
- 2.3 The primary tank shall be fitted with a 4" or 6" Fill Port, either a 4", 6" or 8" Emergency Vent Port, a 2" Normal Vent Port, a 2" Liquid Gauging Port, a 2" Port of Dispensing Pump, a 4" Phase I Vapor Recovery Port and a minimum 18" Manway for tanks with capacities greater than 5,000 gallons. An optional 19 gallon Spill Containment with Lockable Lid and drain port in the primary tank is available.
- 2.4 The primary tank shall be pressure tested to NYC standard (minimum 30 psi) at the factory and shall be field tested by the contractor to a maximum of 30 psi.
- 2.5 The primary steel tank shall be designed to store M85 (methanol), alcohol petroleum blends.

FIRE PROTECTION

- 3.1 The standard fire protection material shall be Lightweight concrete and surround the primary tank. The tank design shall provide a minimum two (2) hour fire rating per UFC Appendix Standard A-II-8 (formerly) UFC 79-7) and UL 2085 Protected Secondary Containment Tanks.
- 3.2 The fire protective material shall allow liquid leaking from the primary tank to penetrate the material and communicate with the leak detection tube according to UL 2085 Protected Secondary Containment Tanks.
- 3.3 The fire protective material shall be of a monolithic pour, performed at the factory.
- 3.4 The fire protective material shall provide a minimum insulating factor.

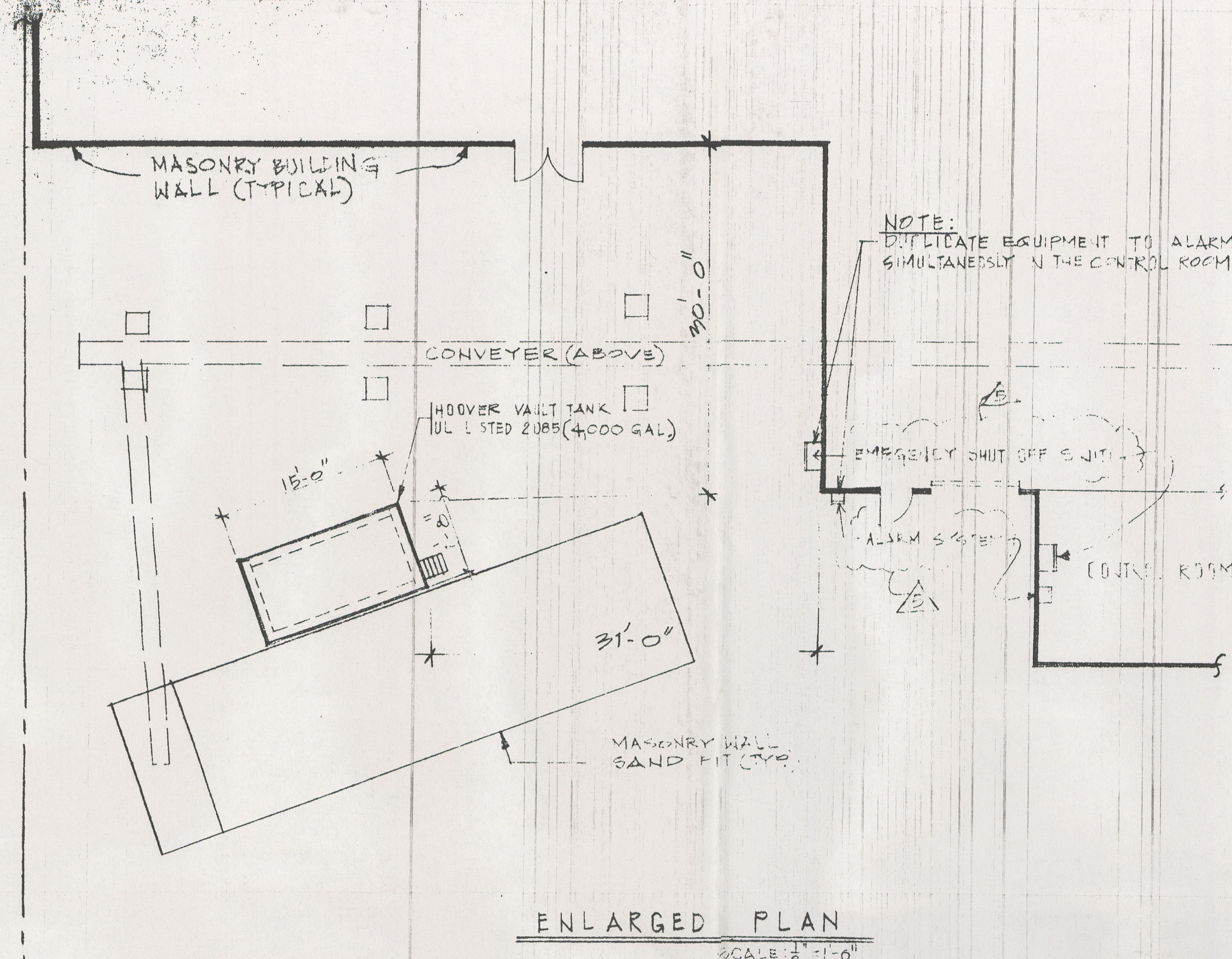
BULLET RESISTANCE

- 4.1 The fire protected primary tank shall be tested by a qualified engineering firm to be resistant to penetration of the primary tank by a 150 grain, M2 Bullet, traveling at a velocity of at least 2700 feet per second, when fired from a .30 caliber rifle located a maximum of 100 feet from the target.
- 4.2 The fire protected tank must be able to be repaired in the field by a factory representative when impacted by a bullet.
- 4.3 The factory representative must be able to certify that the primary and secondary containment do not leak, and that the fire protective material retains its minimum two (2) hour protection.

TESTING NOTES

TANK AND PIPING SHALL BE TESTED AND WITNESSED BY FIRE DEPARTMENT PERSONNEL TO BE IN ACCORDANCE WITH NEW YORK CITY FIRE DEPARTMENTS PROCEDURES, N.Y.S.D.E.C. EPA AND MANUFACTURER'S REQUIREMENTS & RECOMMENDATION:

1. INNER TANK AND UNDERGROUND PIPING SHALL BE HYDROSTATICALLY TESTED AT A PRESSURE OF 30 PSI.
2. OUTER TANK & PIPING SHALL BE TESTED AT A PRESSURE OF 5 PSI.



ENLARGED PLAN

SCALE: 1/8" = 1'-0"

SECONDARY LEAK CONTAINMENT TANK

- 5.1 The secondary leak containment tank shall be rectangular in design and listed according to UL 2085 insulated secondary aboveground tanks for flammable and combustible liquids, protected type.
- 5.2 The secondary tank shall be tested liquid tight at the factory (minimum 3 to 5 psi) and shall also be field tested by the contractor to a maximum of 5 psi.
- 5.3 The secondary tank shall provide reinforcement for the concrete.
- 5.4 The secondary tank shall provide true 360° Radius "pressure-testable" containment for the primary tank.
- 5.5 The secondary tank shall be fitted with a 2" Annular Space Monitoring tube, a 2" Normal Vent port and either a 4", 6", or 8" Emergency Vent port; in addition to openings for all ports in the primary tank.
- 5.6 The port openings in the top of the secondary tank shall be constructed with full welds to prevent moisture from seeping between the fire proofing material and secondary and primary tanks.
- 5.7 The top of the secondary tank shall be sloped so that water will not accumulate on top of the tank.
- 5.8 The secondary tank shall have a two (2) inch monitoring port including a tube which provides a means to detect product leakage from the primary tank into the fire protection material that directly surrounds the primary tank. This design shall be listed under UL 2085.

COATINGS

- 6.1 The exterior surface of the secondary tank shall be cleansed of foreign material and coated with a corrosion resistant industrial epoxy paint (3 to 5 mils dry thickness).
- 6.2 The standard color shall be desert sand.
- 6.3 An optional fiberglass impregnated coating (FIBERVAULT) can be applied to the exterior surface of the secondary tank to provide additional resistance to corrosive environments such as salt water spray.
 - 6.3.1 The total dry thickness shall be a minimum of 1/8 inch.
 - 6.3.2 All threaded openings and flanges shall be protected during the coating process.
 - 6.3.3 The coating shall be applied only when the work area and the secondary steel tank are between the temperatures of 32 and 103 degrees F.
 - 6.3.4 The standard color shall be desert sand.

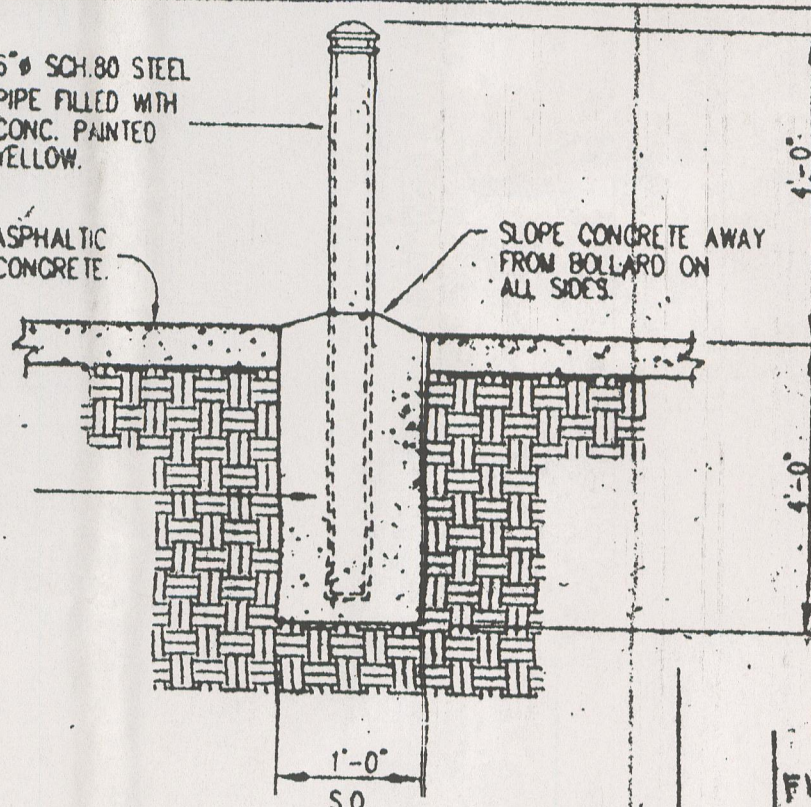
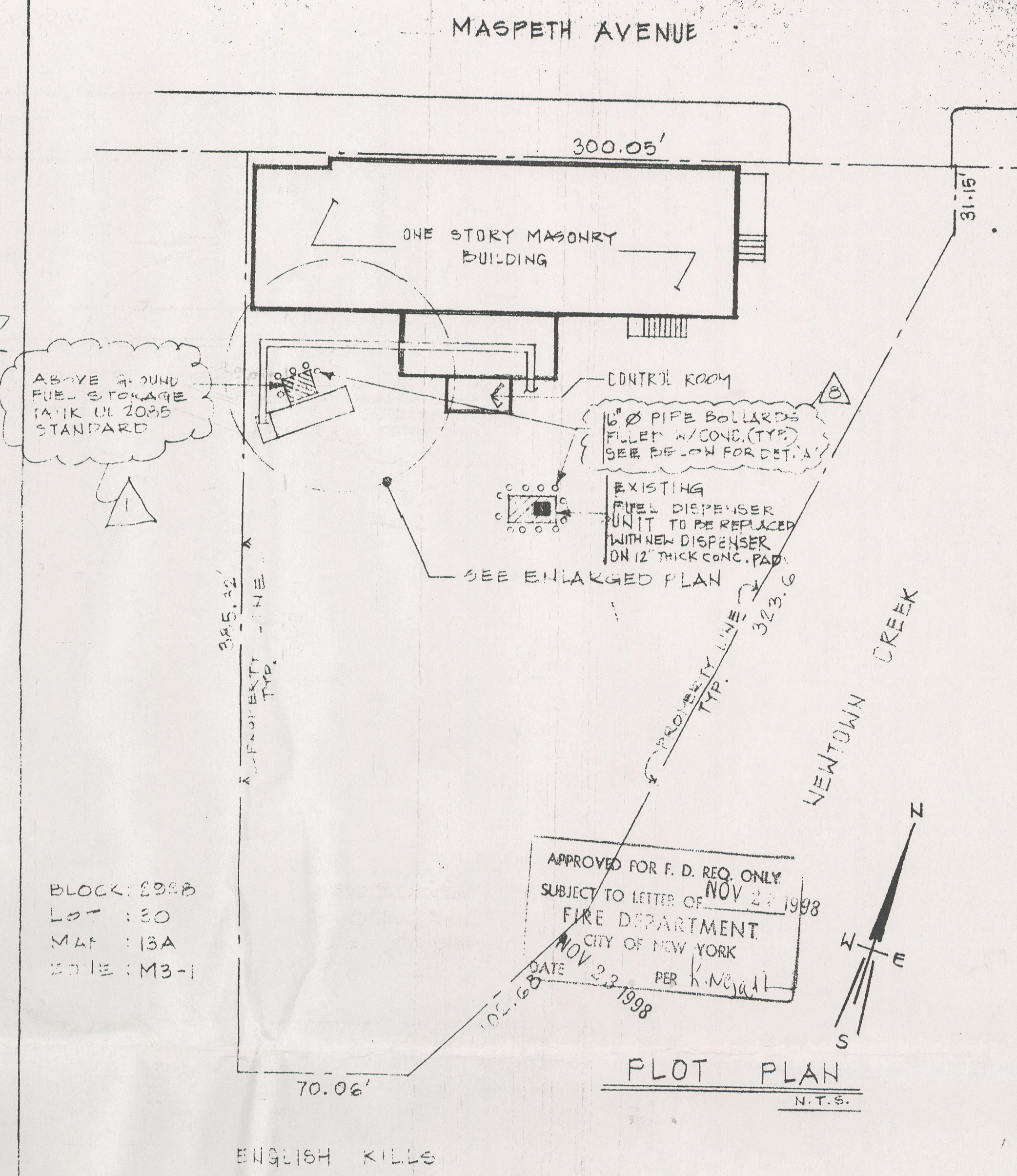
ACCESSORIES

- 7.1 Provide a chain with handrail that meets OSHA regulation for each tank.
- 7.2 Provide a 2" fill limiter valve for tanks 2,000 gallons and smaller and a 4" fill limiter valve for tanks 2,000 gallons and larger as manufactured by Gillingham.

N.Y.S. AND N.Y.C. REQUIREMENTS

1. Provide B.S.A. approved leak detection system to comply with Fire Department's Requirement. (Tank and Piping)
2. Provide B.S.A. approved audible and visual alarm of overfill protection system. System shall be designed, fabricated and installed in accordance with NYDEC, EPA (Federal), and Fire Department's requirements and regulations.
3. Provide double wall lightweight insulating concrete 4,000 gallons tank. Tank shall be designed, fabricated, installed and inspected in accordance with NYDEC, EPA (Federal) and Fire Department's requirements and regulations.
4. Approved fill box and piping shall be in accordance with Chapter 19-59.0 Administrative Code and NYSDEC requirements.
5. Diesel dispenser is New York City approved with pump bearing the board of standards and appeals approval number. Dispenser shall be "DEC" approved.
6. There is no school, theater or other place of public amusement or assembly within 20' - 0" of premises C19-65.0 & C19-73.0.
7. All provisions of Chapter 19 of the Administrative Code, Local Law 70/69, State and Federal rules and regulations to be complied within all aspects.
8. Tank subject to hydrostatic pressure test and shall be as building code and Chapter 19 Administrative code requirements and in accordance with Fire Department Requirements.
9. Tank shall be installed under jurisdiction of Fire Department Representative.
10. Location of fill box subject to approval of NTSDEC and Fire Department.
11. Tank must bear plate showing name of manufacturer and approved numbers.
12. Gauge tubing (1/4" copper tubing) shall be run in galvanized pipe protective casing and shall be connected to monitor panel.
13. Items subject to controlled inspection: Subgrade C26.1112.5
14. Diesel dispensers are located outside of building at grade on concrete island with protective bollards.
15. All places of public assembly within the complex are at least 50' from dispensers or tank.

BLOCK: 234B
LOT: 130
M.L.R.: 13A
ZONING: M3-1



FINAL APPROVAL
SUBJECT TO INSPECTION
OCT 30 1998
JAMES BRUNNEN
ACCEPTABLE FOR PERMIT
UNDER DIRECTIVE NO. 14/1975

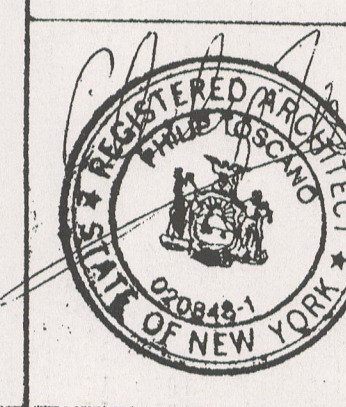
THRU	REVISIONS	DATE
1	REVISAS PER FIRE DEPARTMENT OBJECTIONS	10-12-98
2	REVISAS PER FIRE DEPARTMENT OBJECTIONS	10-12-98
3	REVISIONS	DATE

PHILIP TOSCANO
ARCHITECTS
ARCHITECTURE PLANNING
415 GRAHAM AVENUE
BROOKLYN, N.Y. 11211
(718) 349-3360 FAX (718) 349-3479

ABOVE GROUND DIESEL FUEL VAULT
TANK INSTALLATION PLAN

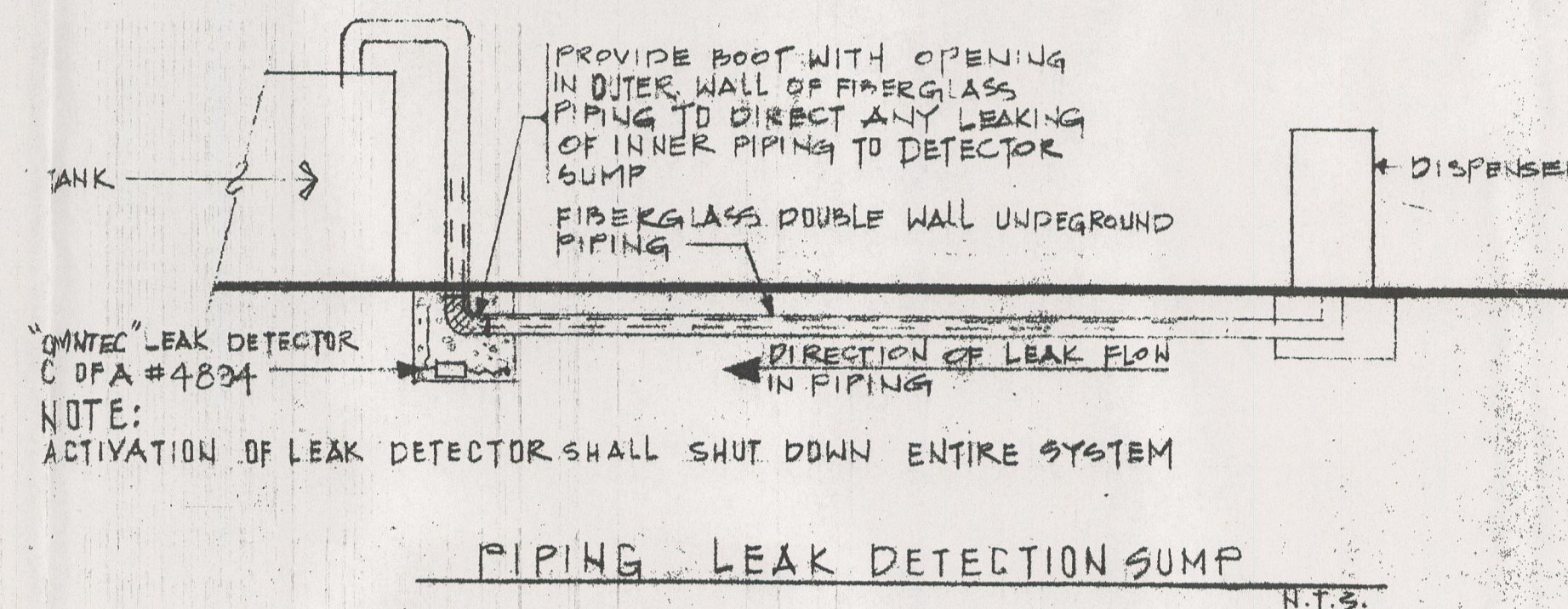
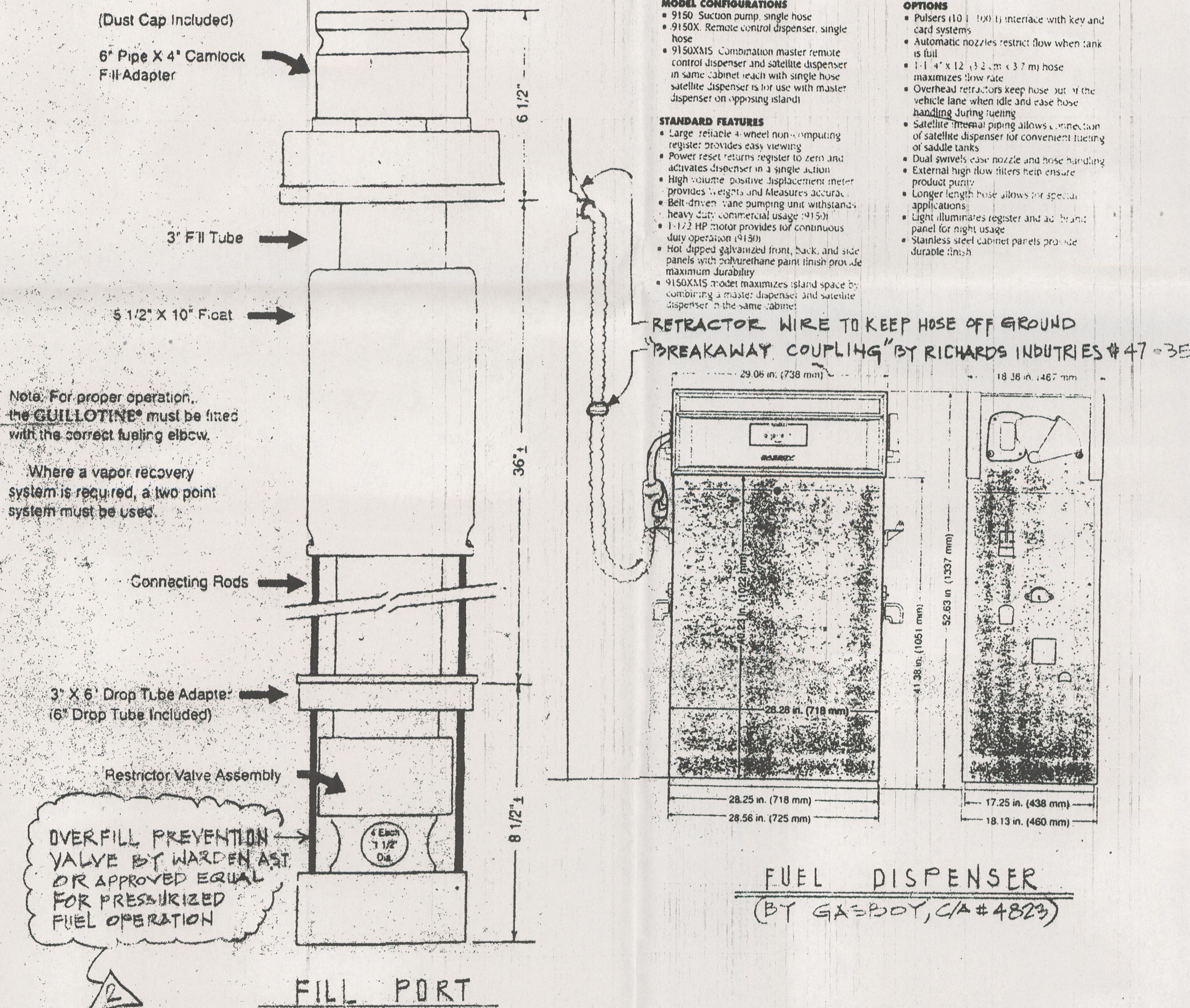
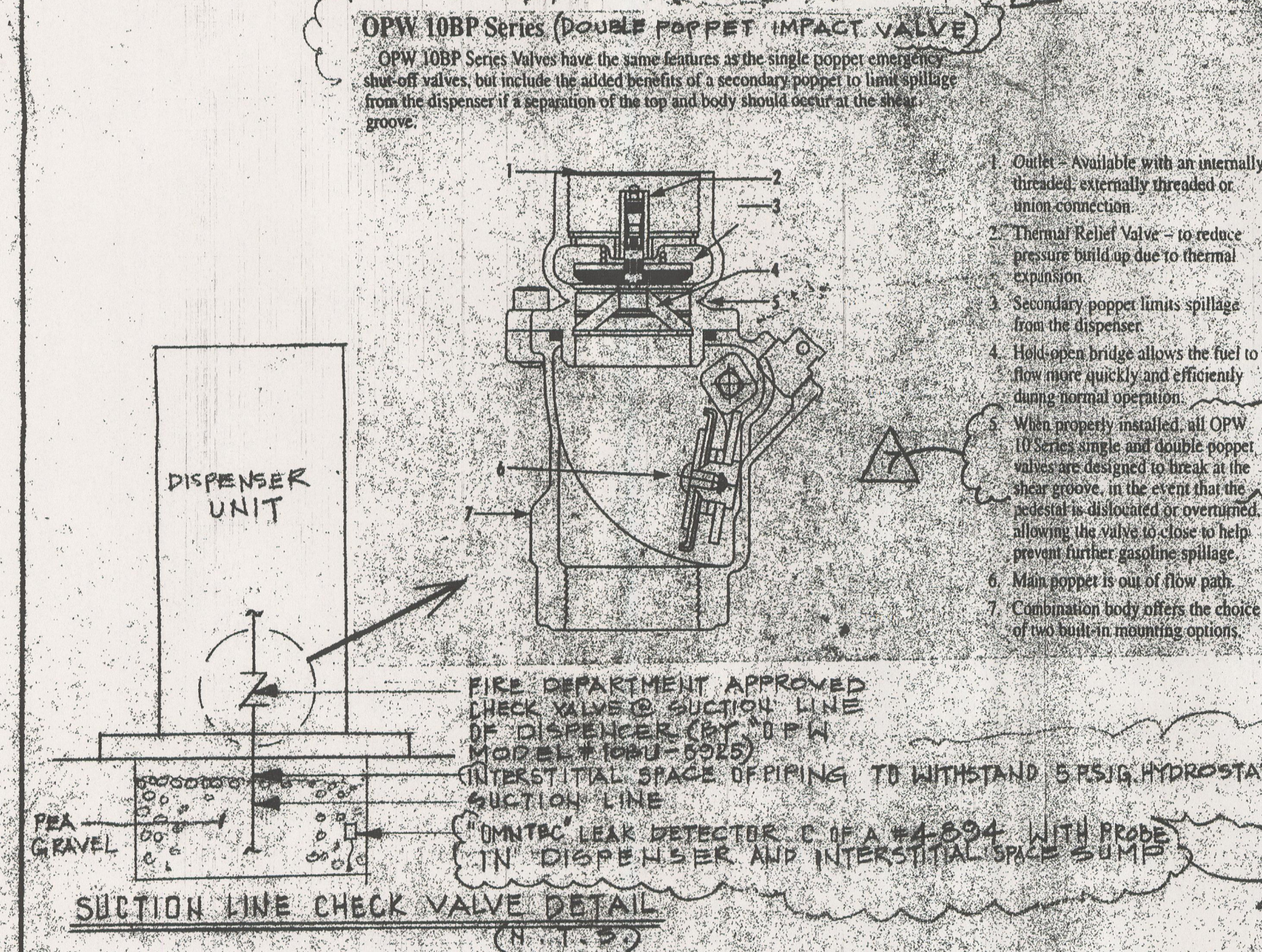
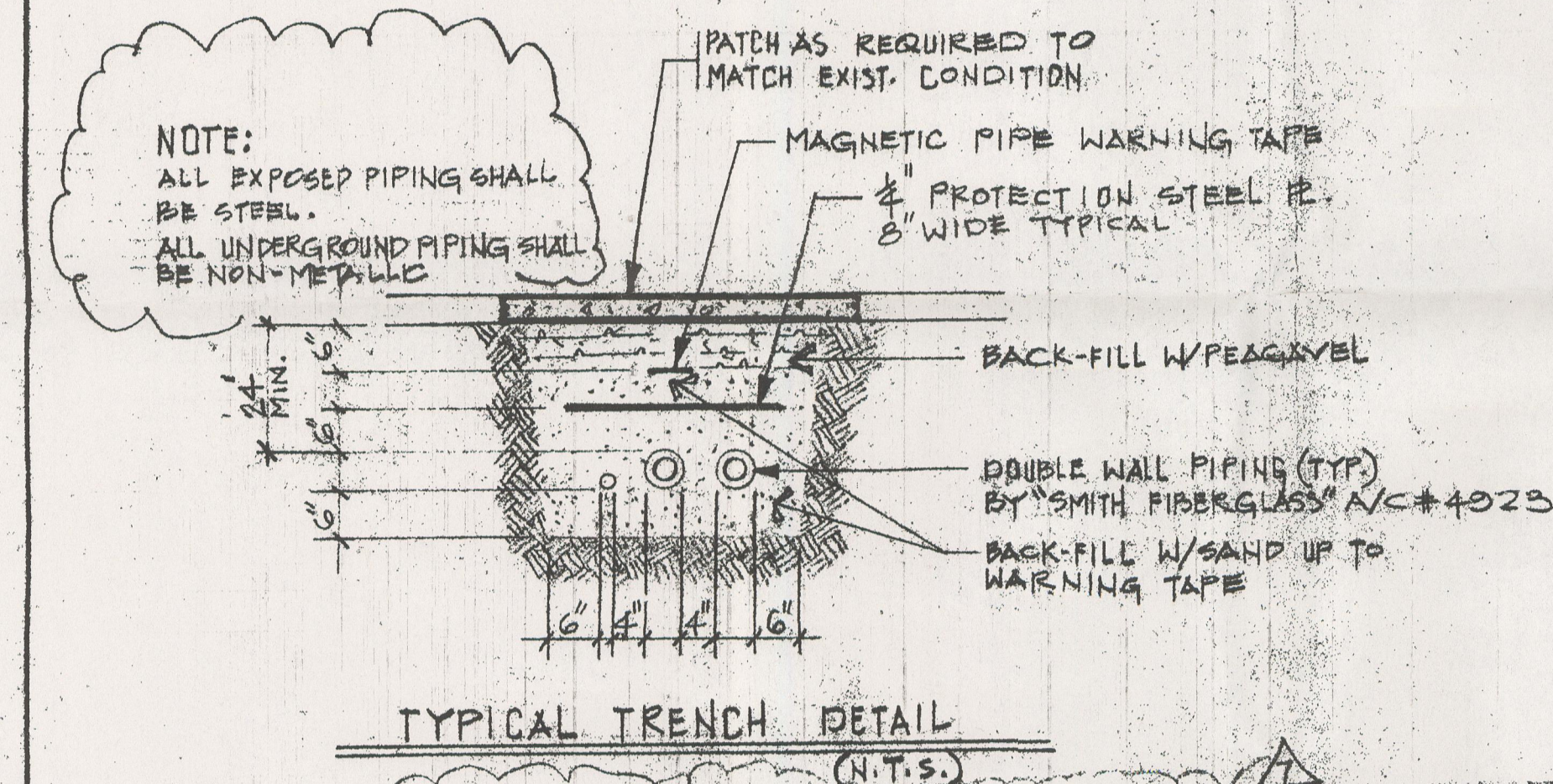
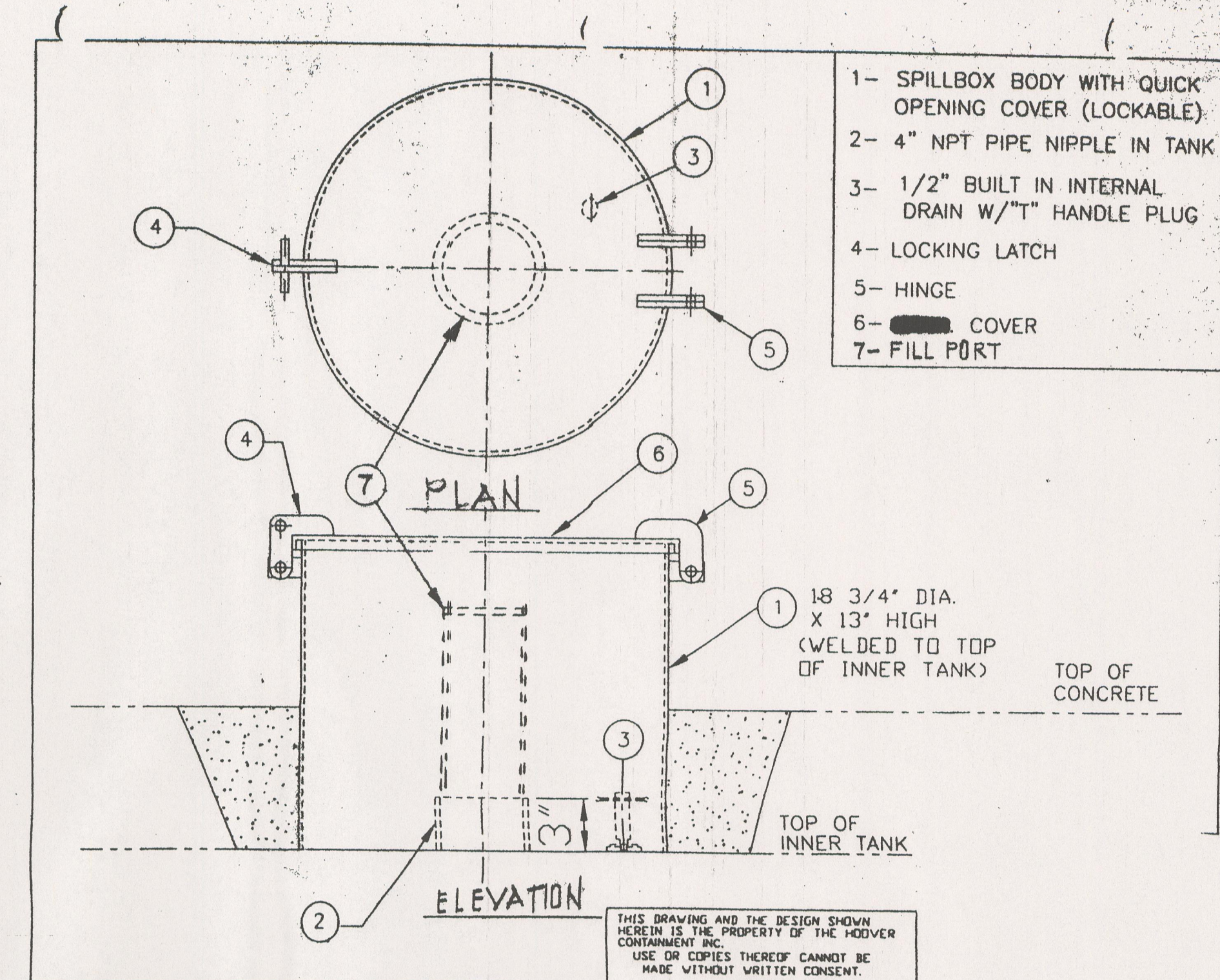
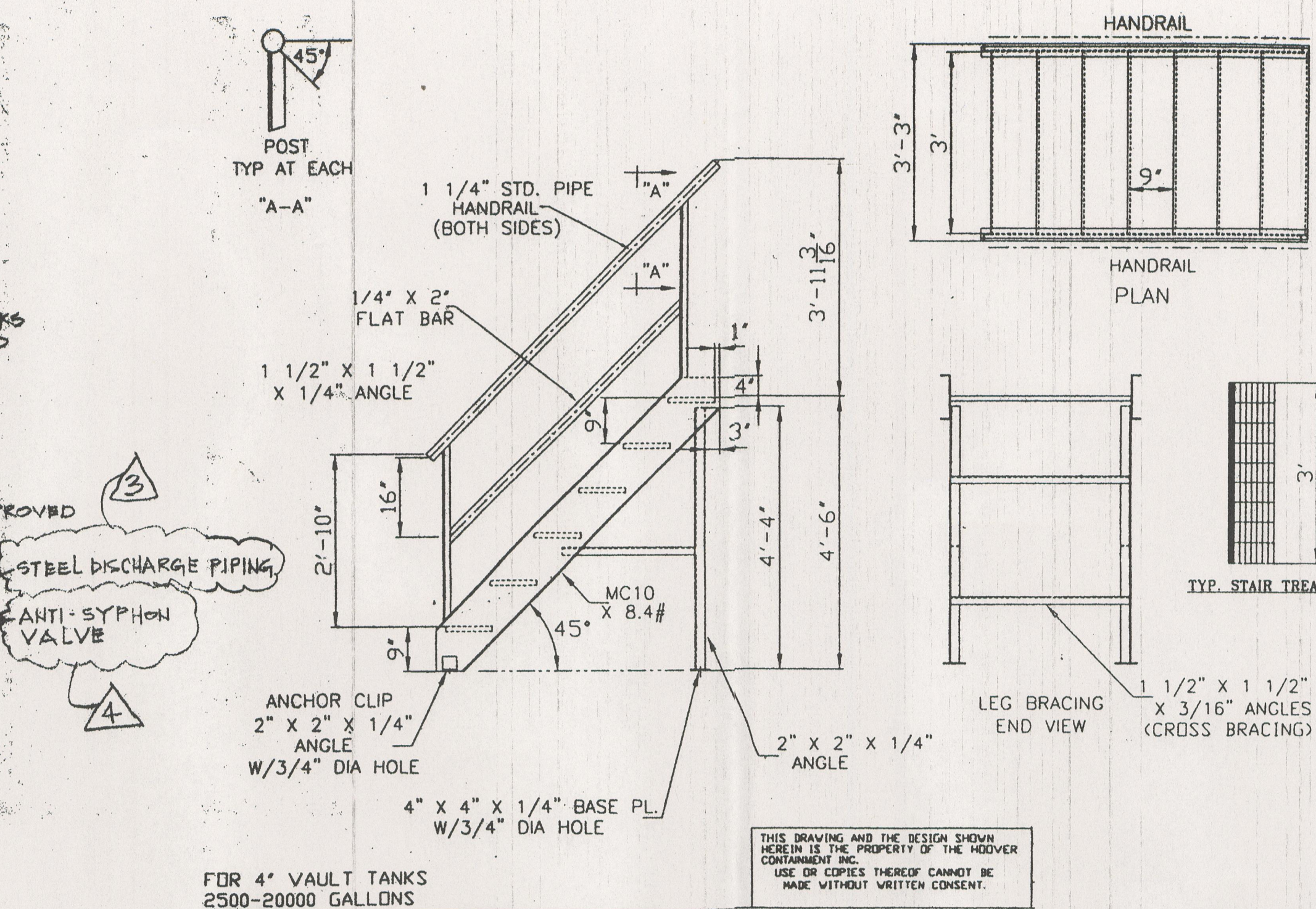
EMPIRE TRANSIT MIX, INC.
430 MASPETH AVE.
BROOKLYN, NEW YORK
DATE: 06-01-1998
SCALE: AS NOTED
DWG. BY: R. G. C.
REV. :
A-1

300523510
DEPARTMENT OF BUILDINGS



58

58

[illegible]

EQUIPMENT		SCHEDULE	
UNIT TYPE	SPECIFICATIONS		
OPW 11A AUTOMATIC NOZZLE	COLOR BLACK	MODEL # # 11AC400	
OPW 66 BREAKAWAY CONNECTORS	BLACK	# 66VB-1300	
ANTI-SYPHON VALVE	—	# 403-20-0 BY UNIVERSAL	
INTERSTITIAL VENT BY HOOVER	—		VENT CAPACITY 27,500 C.F.M
OPW 523 PRESSURE VACCUUM	—	# 523-1100	

APPROVED FOR F. D. REC. ONLY
SUBJECT TO LETTER OF
FIRE DEPARTMENT
CITY OF NEW YORK
DATE 23 1998 PER P. Mesaki

FINAL APPROVAL
SUBJECT TO INSPECTION

ACCEPTABLE FOR PERMIT
UNDER DIRECTIVE NO. 14/1975

OCT 30 1996
JAMES BRUCE

	FIRE DEPARTMENT OBJECTIONS	10-12-98
THRU 8	REVISED AS PER FIRE DEPARTMENT OBJECTIONS	10-18-98
No	REVISIONS	DATE

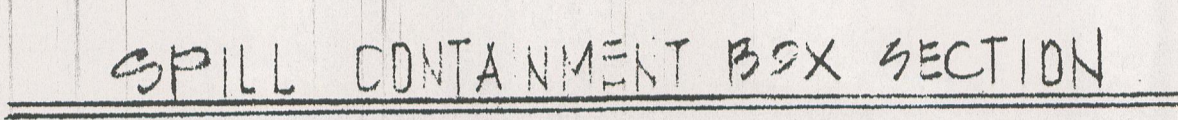
PtA PHILIP TOSCANO
ARCHITECTS
ARCHITECTURE PLANNING
415 GRAHAM AVENUE
BROOKLYN, N.Y. 11211
(718)349-3350 FAX (718)349-3479

ABOVE GROUND DIESEL FUEL VAULT
TANK INSTALLATION PLAN

EMPIRE TRANSIT MIX, INC. 430 MASPETH AVENUE BROOKLYN, NEW YORK	
SCALE AS NOTED	A-2
DATE: 06-01-68	
RWN: R. S. C.	
REV:	

300523510
DEPARTMENT OF BUILDINGS

GENERAL



FINAL APPROVAL
SUBJECT TO INSPECTION


9806030C

ACCEPTABLE FOR PERMIT
UNDER DIRECTIVE NO. 14/1977

OCT 26 1938

AMENDED

PtA PHILIP TOSCANO
ARCHITECTS
ARCHITECTURE PLANNING
415 GRAHAM AVENUE
BROOKLYN, N.Y. 11211
(718)349-3550 FAX (718)349-0478



EMPIRE TRANSIT MIX, INC.
 430 MASPETH AVENUE
 BROOKLYN, NEW YORK.

DATE : 09-1-1958	A-3
SCALE: NONE	
DWN. : R.S.C.	
REV. :	

300523510
DEPARTMENT OF BUILDINGS

Case 1:05-cr-00319-VVP Document 9 Filed 09/28/2005 Page 1 of 5

JJC

SAO 245B (Rev. 12/03) Judgment in a Criminal Case
Sheet 1

UNITED STATES DISTRICT COURT

EASTERN

District of

NEW YORK

UNITED STATES OF AMERICA

JUDGMENT IN A CRIMINAL CASE

V.

EMPIRE TRANSIT MIX, INC.,

Case Number: CR 05-319 (VVP)

USM Number:

SCOTT PASHMAN

Defendant's Attorney

FILED

IN CLERKS OFFICE

U.S. DISTRICT COURT FOR N.Y.

THE DEFENDANT:

X pleaded guilty to count(s) One (1) through Eight (8) of MISDEMEANOR INFORMATION

★ SEP 28 2005 ★

☐ pleaded nolo contendere to count(s) _____
which was accepted by the court.

P.M. _____

TIME A.M. _____

☐ was found guilty on count(s) _____
after a plea of not guilty.

The defendant is adjudicated guilty of these offenses:

Title & Section	Nature of Offense	Offense Ended	Count
33 USC 407 and 411	Deposit of refuse in a navigable waters generally	08/30/01	One(1) - Eight(8)

The defendant is sentenced as provided in pages 2 through 5 of this judgment. The sentence is imposed pursuant to the Sentencing Reform Act of 1984.☐ The defendant has been found not guilty on count(s) _____☐ Count(s) _____ ☐ is ☐ are dismissed on the motion of the United States.

It is ordered that the defendant must notify the United States attorney for this district within 30 days of any change of name, residence, or mailing address until all fines, restitution, costs, and special assessments imposed by this judgment are fully paid. If ordered to pay restitution, the defendant must notify the court and United States attorney of material changes in economic circumstances.

MAY 12, 2005

Date of Imposition of Judgment

Signature of Judge

VIKTOR V. POHORELSKY, U.S.M.J.

Name and Title of Judge

SEPTEMBER 21, 2005

Date

BA

BA JJC

AO 245B

Case 1:05-cr-00319-VVP
(Rev. 12/03) Judgment in a Criminal Case
Sheet 4—Probation

Document 9

Filed 09/28/2005 Page 2 of 5

Judgment—Page 2 of 5

DEFENDANT: EMPIRE TRANSIT MIX, INC.
CASE NUMBER: CR 05-519 (VVP)

PROBATION

The defendant is hereby sentenced to probation for a term of:
THREE (3) YEARS

The defendant shall not commit another federal, state or local crime.

The defendant shall not unlawfully possess a controlled substance. The defendant shall refrain from any unlawful use of a controlled substance. The defendant shall submit to one drug test within 15 days of placement on probation and at least two periodic drug tests thereafter, as determined by the court.

- ☐ The above drug testing condition is suspended, based on the court's determination that the defendant poses a low risk of future substance abuse. (Check, if applicable.)
- ☐ The defendant shall not possess a firearm, ammunition, destructive device, or any other dangerous weapon. (Check, if applicable.)
- ☐ The defendant shall cooperate in the collection of DNA as directed by the probation officer. (Check, if applicable.)
- ☐ The defendant shall register with the state sex offender registration agency in the state where the defendant resides, works, or is a student, as directed by the probation officer. (Check, if applicable.)
- ☐ The defendant shall participate in an approved program for domestic violence. (Check, if applicable.)

If this judgment imposes a fine or restitution, it is a condition of probation that the defendant pay in accordance with the Schedule of Payments sheet of this judgment.

The defendant must comply with the standard conditions that have been adopted by this court as well as with any additional conditions on the attached page.

STANDARD CONDITIONS OF SUPERVISION

- 1) the defendant shall not leave the judicial district without the permission of the court or probation officer;
- 2) the defendant shall report to the probation officer and shall submit a truthful and complete written report within the first five days of each month;
- 3) the defendant shall answer truthfully all inquiries by the probation officer and follow the instructions of the probation officer;
- 4) the defendant shall support his or her dependents and meet other family responsibilities;
- 5) the defendant shall work regularly at a lawful occupation, unless excused by the probation officer for schooling, training, or other acceptable reasons;
- 6) the defendant shall notify the probation officer at least ten days prior to any change in residence or employment;
- 7) the defendant shall refrain from excessive use of alcohol and shall not purchase, possess, use, distribute, or administer any controlled substance or any paraphernalia related to any controlled substances, except as prescribed by a physician;
- 8) the defendant shall not frequent places where controlled substances are illegally sold, used, distributed, or administered;
- 9) the defendant shall not associate with any persons engaged in criminal activity and shall not associate with any person convicted of a felony, unless granted permission to do so by the probation officer;
- 10) the defendant shall permit a probation officer to visit him or her at any time at home or elsewhere and shall permit confiscation of any contraband observed in plain view of the probation officer;
- 11) the defendant shall notify the probation officer within seventy-two hours of being arrested or questioned by a law enforcement officer;
- 12) the defendant shall not enter into any agreement to act as an informer or a special agent of a law enforcement agency without the permission of the court; and
- 13) as directed by the probation officer, the defendant shall notify third parties of risks that may be occasioned by the defendant's criminal record or personal history or characteristics and shall permit the probation officer to make such notifications and to confirm the defendant's compliance with such notification requirement.

DEFENDANT: EMPIRE TRANSIT MIX, INC.
CASE NUMBER: CR 05-519 (VVP)

ADDITIONAL PROBATION TERMS

1. THE DEFENDANT SHALL NOT COMMIT ANY FURTHER VIOLATIONS OF FEDERAL, STATE OR LOCAL ENVIRONMENTAL LAWS.
2. THE PROBATION DEPARTMENT AND THE ENVIRONMENTAL PROTECTION AGENCY SHALL HAVE THE RIGHT TO ENTER DEFENDANT'S PROPERTY WITHOUT CAUSE.
3. IN THE EVENT THAT THE DEFENDANT DOES NOT PAY THE FINE AS DIRECTED, THE DEFENDANT SHALL BE REQUIRED TO MAKE FULL FINANCIAL DISCLOSURE AS DIRECTED BY THE PROBATION DEPARTMENT.

DEFENDANT: EMPIRE TRANSIT MIX, INC.,
CASE NUMBER: CR 05-519 (VVP)

Judgment — Page 4 of 5

CRIMINAL MONETARY PENALTIES

The defendant must pay the total criminal monetary penalties under the schedule of payments on Sheet 6.

	<u>Assessment</u>	<u>Fine</u>	<u>Restitution</u>
TOTALS	\$ 1,000	\$ 300,000	\$

- ☐ The determination of restitution is deferred until _____. An *Amended Judgment in a Criminal Case* (AO 245C) will be entered after such determination.
- ☐ The defendant must make restitution (including community restitution) to the following payees in the amount listed below.

If the defendant makes a partial payment, each payee shall receive an approximately proportioned payment, unless specified otherwise in the priority order or percentage payment column below. However, pursuant to 18 U.S.C. § 3664(i), all nonfederal victims must be paid before the United States is paid.

<u>Name of Payee</u>	<u>Total Loss*</u>	<u>Restitution Ordered</u>	<u>Priority or Percentage</u>
----------------------	--------------------	----------------------------	-------------------------------

TOTALS \$ _____ \$ _____

- ☐ Restitution amount ordered pursuant to plea agreement \$ _____
- ☐ The defendant must pay interest on restitution and a fine of more than \$2,500, unless the restitution or fine is paid in full before the fifteenth day after the date of the judgment, pursuant to 18 U.S.C. § 3612(f). All of the payment options on Sheet 6 may be subject to penalties for delinquency and default, pursuant to 18 U.S.C. § 3612(g).
- ☐ The court determined that the defendant does not have the ability to pay interest and it is ordered that:
- ☐ the interest requirement is waived for the ☐ fine ☐ restitution.
- ☐ the interest requirement for the ☐ fine ☐ restitution is modified as follows:

* Findings for the total amount of losses are required under Chapters 109A, 110, 110A, and 113A of Title 18 for offenses committed on or after September 13, 1994, but before April 23, 1996.

DEFENDANT: EMPIRE TRANSIT MIX, INC.,
CASE NUMBER: CR 05-519 (VVP)

SCHEDULE OF PAYMENTS

Having assessed the defendant's ability to pay, payment of the total criminal monetary penalties are due as follows:

- A ☒ Lump sum payment of \$ 1,000 due immediately, balance due
- ☐ not later than _____, or
☒ in accordance ☒ C, ☐ D, ☐ E, or ☐ F below; or
- B ☐ Payment to begin immediately (may be combined with ☐ C, ☐ D, or ☐ F below); or
- C ☒ Payment in equal quarterly (e.g., weekly, monthly, quarterly) installments of \$ \$25,000 over a period of 3 years (e.g., months or years), to commence 60 (e.g., 30 or 60 days) after the date of this judgment; or
- D ☐ Payment in equal _____ (e.g., weekly, monthly, quarterly) installments of \$ _____ over a period of _____ (e.g., months or years), to commence _____ (e.g., 30 or 60 days) after release from imprisonment to a term of supervision; or
- E ☐ Payment during the term of supervised release will commence within _____ (e.g., 30 or 60 days) after release from imprisonment. The court will set the payment plan based on an assessment of the defendant's ability to pay at that time; or
- F ☒ Special instructions regarding the payment of criminal monetary penalties:
THE FIRST ONE HUNDRED AND FIFTY THOUSAND DOLLARS (\$150,000) OF THE FINE, AND ANY INTEREST THEREFROM, SHALL BE PAID TO "RIVERKEEPERS OF NEW YORK."

Unless the court has expressly ordered otherwise, if this judgment imposes imprisonment, payment of criminal monetary penalties is due during imprisonment. All criminal monetary penalties, except those payments made through the Federal Bureau of Prisons' Inmate Financial Responsibility Program, are made to the clerk of the court.

The defendant shall receive credit for all payments previously made toward any criminal monetary penalties imposed.

☐ Joint and Several

Defendant and Co-Defendant Names and Case Numbers (including defendant number), Total Amount, Joint and Several Amount, and corresponding payee, if appropriate.

☐ The defendant shall pay the cost of prosecution.

☐ The defendant shall pay the following court cost(s):

☐ The defendant shall forfeit the defendant's interest in the following property to the United States:

Payments shall be applied in the following order: (1) assessment, (2) restitution principal, (3) restitution interest, (4) fine principal, (5) fine interest, (6) community restitution, (7) penalties, and (8) costs, including cost of prosecution and court costs.

Material Safety Data Sheet



EUCLID CHEMICAL

ACCELGUARD 80 - BULK GALLONS

Version 3.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : ACCELGUARD 80 - BULK GALLONS
Product code : 19 99

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110
Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Colorless. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Calcium nitrate	10124-37-5	40.0 - 70.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.



EUCALID CHEMICAL

ACCELGUARD 80 - BULK GALLONS

Version 3.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : Not available.
Method : Not available.
Lower explosion limit : Not available.
Upper explosion limit : Not available.
Autoignition temperature : Not available.
Extinguishing media : This product is not expected to burn under normal conditions of use.
Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

Respiratory protection : Not required under normal conditions of use.
Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
Engineering measures : Not required under normal conditions of use. Use local exhaust when the



EUCLID CHEMICAL

ACCELGUARD 80 - BULK GALLONS

Version 3.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Colorless
Odor	: None
pH	: 3.1 - 6.1
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.442 - 1.450
% Volatile Weight	: 55.6 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Strong acids.Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Calcium nitrate, CAS-No.: 10124-37-5	
Acute oral toxicity (LD-50 oral)	302 mg/kg (Rat)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method	: Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.
-----------------	--



EUCLID CHEMICAL

ACCELGUARD 80 - BULK GALLONS

Version 3.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

SECTION 14 - TRANSPORTATION / SHIPPING DATA**CFR / DOT:**

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : Calcium nitrate 10124-37-5

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :
Calcium nitrate 10124-37-5OSHA Status: Considered : Irritant
hazardous based on the
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
exempt solvent)

VOC Method 310 : 0 %

U.S. State Regulations:Penn RTK Components : Water 7732-18-5
Calcium nitrate 10124-37-5NJ RTK Components : Water 7732-18-5
Calcium nitrate 10124-37-5Components under California Proposition 65:
None known.

Material Safety Data Sheet



EUCLID CHEMICAL

ACCELGUARD 80 - BULK GALLONS

Version 3.0

REVISION DATE: 07/08/2012

Print Date 07/09/2012

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

Material Safety Data Sheet



EUCLID CHEMICAL

AEA-92

Version 7.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : AEA-92
Product code : 11A 99

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Light Yellow. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Sodium (C14-16) Olefin Sulfonate	68439-57-6	5.0 - 10.0
Glutaraldehyde	111-30-8	0.1 - 1.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If

Material Safety Data Sheet



EUCALID CHEMICAL

AEA-92

Version 7.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : Not available.

Method : Not available.

Lower explosion limit : Not available.

Upper explosion limit : Not available.

Autoignition temperature : Not available.

Extinguishing media : This product is not expected to burn under normal conditions of use.

Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.

Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Not required under normal conditions of use.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.

Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Material Safety Data Sheet



EUCLID CHEMICAL

AEA-92

Version 7.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Light Yellow
Odor	: None
pH	: 8.5 - 11.5
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.015 +/- 0.01
% Volatile Weight	: 93.0 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Strong acids. Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Glutaraldehyde, CAS-No.: 111-30-8	
Acute oral toxicity (LD-50 oral)	134 mg/kg (Rat) 820 mg/kg (Rat) 96.1 mg/kg (Rat) 100 mg/kg (Mouse) 1,300 mg/kg (Mouse) 122 mg/kg (Mouse)
Acute inhalation toxicity (LC-50)	5,000 mg/l for 4 h (Rat) 24 mg/l for 4 h (Rat) 40 mg/l for 4 h (Rat)
Acute dermal toxicity (LD-50 dermal)	2,560 mg/kg (Rabbit)

Material Safety Data Sheet



EUCLID CHEMICAL

AEA-92

Version 7.0

REVISION DATE: 02/07/2013

Print Date 02/08/2013

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

Glutaraldehyde 111-30-8

OSHA Status: Considered : Irritant
hazardous based on the
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and
exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Material Safety Data Sheet



EUCLID CHEMICAL

AEA-92

Version 7.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

U.S. State Regulations:

MASS RTK Components : Formaldehyde 50-00-0

Penn RTK Components : Water 7732-18-5
Sodium (C14-16) Olefin Sulfonate 68439-57-6

NJ RTK Components : Water 7732-18-5
Sodium (C14-16) Olefin Sulfonate 68439-57-6

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON RETARDER 75 - BULK GALLONS

Version 5.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : EUCON RETARDER 75 - BULK GALLONS
Product code : 23 99

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Brown. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Sodium gluconate	527-07-1	30.0 - 60.0
Glutaraldehyde	111-30-8	0.1 - 1.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If



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EUCON RETARDER 75 - BULK GALLONS

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irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : Not available.
Method : Not available.
Lower explosion limit : Not available.
Upper explosion limit : Not available.
Autoignition temperature : Not available.
Extinguishing media : This product is not expected to burn under normal conditions of use.
Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

Respiratory protection : Not required under normal conditions of use.
Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON RETARDER 75 - BULK GALLONS

Version 5.0

Print Date 02/08/2013

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Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Brown
Odor	: Light
pH	: 4.5 - 7.5
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.175 +/- 0.01
% Volatile Weight	: 65.4 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Strong acids. Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Glutaraldehyde, CAS-No.: 111-30-8	
Acute oral toxicity (LD-50 oral)	134 mg/kg (Rat) 820 mg/kg (Rat) 96.1 mg/kg (Rat) 100 mg/kg (Mouse) 1,300 mg/kg (Mouse) 122 mg/kg (Mouse)
Acute inhalation toxicity (LC-50)	5,000 mg/l for 4 h (Rat) 24 mg/l for 4 h (Rat) 40 mg/l for 4 h (Rat)
Acute dermal toxicity (LD-50 dermal)	2,560 mg/kg (Rabbit)

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON RETARDER 75 - BULK GALLONS

Version 5.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

Glutaraldehyde 111-30-8

OSHA Status: Considered : Irritant
hazardous based on the
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and
exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON RETARDER 75 - BULK GALLONS

Version 5.0

Print Date 02/08/2013

REVISION DATE: 02/07/2013

U.S. State Regulations:

Penn RTK Components : Water 7732-18-5
Sodium gluconate 527-07-1

NJ RTK Components : Water 7732-18-5
Sodium gluconate 527-07-1

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
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NDSL - Non-Domestic Substance List
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NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

Material Safety Data Sheet



EUCLID CHEMICAL

PLASTOL 5000 - BULK

Version 4.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : PLASTOL 5000 - BULK
Product code : 866 99

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Brown. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Methacrylic acid copolymer	NJ TSRN# 51721300-6052P	15.0 - 40.0
Ethylenedinitilotetraethanol	140-07-8	7.0 - 13.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If



EUCLID CHEMICAL

PLASTOL 5000 - BULK

Version 4.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : Not available.
Method : Not available.
Lower explosion limit : Not available.
Upper explosion limit : Not available.
Autoignition temperature : Not available.
Extinguishing media : This product is not expected to burn under normal conditions of use.
Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

Respiratory protection : Not required under normal conditions of use.
Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Material Safety Data Sheet



EUCLID CHEMICAL

PLASTOL 5000 - BULK

Version 4.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Brown
Odor	: Slight Ammonia
pH	: 5 - 7
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.07
% Volatile Weight	: 62.6 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Strong acids. Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

Material Safety Data Sheet



EUCLID CHEMICAL

PLASTOL 5000 - BULK

Version 4.0

REVISION DATE: 07/08/2012

Print Date 07/09/2012

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

OSHA Status: Considered : Irritant
hazardous based on the
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
exempt solvent)

VOC Method 310 : 0 %

U.S. State Regulations:

Penn RTK Components	Water	7732-18-5
	Methacrylic acid copolymer	NJ TSRN# 51721300-6052P
	Ethylenedinitilotetraethanol	140-07-8

NJ RTK Components	Water	7732-18-5
	Methacrylic acid copolymer	NJ TSRN# 51721300-6052P
	Ethylenedinitilotetraethanol	140-07-8

Components under California Proposition 65:

Material Safety Data Sheet



EUCLID CHEMICAL

PLASTOL 5000 - BULK

Version 4.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

None known.

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

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Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
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DOT - Department of Transportation
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NDSL - Non-Domestic Substance List
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OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON 37 - BULK GALLONS

Version 5.0

REVISION DATE: 02/01/2013

Print Date 02/05/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : EUCON 37 - BULK GALLONS
Product code : 10 99

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Brown. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Naphthalene sulfonate	36290-04-7	30.0 - 60.0
Sodium sulfate	7757-82-6	1.0 - 5.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If



EUCLOUD CHEMICAL

EUCON 37 - BULK GALLONS

Version 5.0

Print Date 02/05/2013

REVISION DATE: 02/01/2013

irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point	:	Not available.
Method	:	Not available.
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Autoignition temperature	:	Not available.
Extinguishing media	:	This product is not expected to burn under normal conditions of use.
Hazardous combustion products	:	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	:	This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

Respiratory protection	:	Not required under normal conditions of use.
Hand protection	:	Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection	:	Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
Skin and body protection	:	Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures	:	Other equipment not normally required. Use professional judgment in the selection, care, and use.

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON 37 - BULK GALLONS

Version 5.0

Print Date 02/05/2013

REVISION DATE: 02/01/2013

Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Brown
Odor	: Light
pH	: 8 - 10
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Soluble
Specific Gravity	: 1.2025
% Volatile Weight	: 57.1 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Strong acids. Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON 37 - BULK GALLONS

Version 5.0

REVISION DATE: 02/01/2013

Print Date 02/05/2013

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

OSHA Status: Considered : Irritant
hazardous based on the
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and
exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:

U.S. State Regulations:

MASS RTK Components : Sodium sulfate 7757-82-6
Formaldehyde 50-00-0

Penn RTK Components : Water 7732-18-5
Naphthalene sulfonate 36290-04-7
Sodium sulfate 7757-82-6

Material Safety Data Sheet



EUCLID CHEMICAL

EUCON 37 - BULK GALLONS

Version 5.0

Print Date 02/05/2013

REVISION DATE: 02/01/2013

NJ RTK Components : Water 7732-18-5
Naphthalene sulfonate 36290-04-7
Sodium sulfate 7757-82-6

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

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TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
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VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

AFFIDAVIT

September 20, 1999

New York City Fire Department
Bureau of Fire Prevention
9 Metro Tech Center
Brooklyn, New York 11201

Re: Underground Petroleum Storage Tank Removal Project
Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, New York 11211

I, Michael Alletto, being duly sworn, depose and say my place of business is located at 320 Maspeth Avenue, Brooklyn, New York 11211.

That I hold license No. 62951140 for the installation, testing and repairs of buried petroleum storage tanks. That on the 25th day of August 1999, I witnessed the proper purging [free of vapors], cutting, cleaning and removal of one (1) 3,000 gallon above ground diesel storage tank and all associated pipe and fittings, at the above referenced facility. Upon removal, tank and piping were transported and disposed of at a licensed scrap metal facility.

Signature

Michael Alletto
Print Name of Authorized Representative

Vice President
Print Title

Sworn before me this 20th day

of September, 19 99

Yvette Wilson
Notary Public

YVETTE WILSON
Notary Public, State of New York
No. 01W16014171
Qualified in Nassau County
Commission Expires October 5, 2000

95 Madison Avenue
Hempstead, New York 11550
Phone 516•485•0000
Fax 516•485•0237
www.yellowstoneindustries.com

Steven W. Lawitts
Acting Commissioner

DISPLAY CERTIFICATE ON PREMISES NEAR EQUIPMENT
"NOT VALID WITHOUT OFFICIAL SEAL"

Application #	PA 460-97L
Date Inspected	01/21/2010
Date Issued	
Expiration Date	04/07/2013

EP#	8
ER	C

P.E.	

OWNER

Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, N.Y. 11211

DEP Premise Address: 430 Maspeth Avenue Flr. # Yard Boro. Brooklyn

TRIENNIAL CERTIFICATE OF OPERATION

The holder of this Certificate is responsible for the use of the equipment in accordance with all applicable requirements and provisions of the New York City Air Pollution Control Code. The Commissioner may suspend or revoke this Certificate for willful or continued violation of the Code. Any purported or attempted transfer of a Certificate of Operation from one location to another or from one piece of equipment to another automatically revokes the Certificate. Sec. 24-135 NYC Air Pollution Code.


Description of Installation: Concrete Batching Plant.

Used: 8 Hrs/Day 200 Days/Year

Description of Equipment: Shroud, located at concrete Truck Filling Hopper, connected to Dust Collector.

Exhaust System: One (1) 8" diam. Vent Duct from top of silos, connected to Baghouse "Stephen's"
and
Control Device: Dust Arrestor, 20 H.P. motor, delivering 4,750 C.F.M. at 70°F.

RECERTIFICATION


Raphael Hodge, P.E.,
Director of Engineering
For the Commissioner

Application for Renewal of this Certificate of Operation must be filed at the Department of Environmental Protection no later than ninety (90) days prior to its Expiration Date

9.6./E047

Should significant scientific evidence from a recognized institution should result in a decision by NYSDEC that lower ambient guideline concentrations must be established, it may be necessary to reduce emissions from this source (s) prior to the expiration of this Triennial Certificate of Operation

DEP

Steven W. Lawitts
Acting Commissioner

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Environmental Compliance
59-17 Junction Boulevard, 9th Floor, Flushing, New York 11373-5108
Records Control (718) 595-3855

DISPLAY CERTIFICATE ON PREMISES NEAR EQUIPMENT
"NOT VALID WITHOUT OFFICIAL SEAL"

Application #	PA 458-97P
Date Inspected	01/21/2010
Date Issued	
Expiration Date	04/07/2013

E.P.#	546
E.R.	C

P.E.	
Address	

OWNER

Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, N.Y. 11211

DEP Premise Address: 430 Maspeth Avenue Triennial Certificate of Operation File # Yard Boro. Brooklyn

The holder of this Certificate is responsible for the use of the equipment in accordance with all applicable requirements and provisions of the New York City Air Pollution Control Code. The Commissioner may suspend or revoke this Certificate for willful or continued violation of the Code. Any purported or attempted transfer of...a Certificate of Operation... from one location to another or from one piece of equipment to another automatically revokes the Certificate. Sec. 24-135 NYC Air Pollution Code.

Description of Installation: Concrete Batching Plant.

Used: 8 Hrs/Day 200 Days/Year

Description of Equipment: integral Cement Delivery Truck equipped with Blower, to convey cement to silo.

Exhaust System: Integral Vent with filters, delivering 350 C.F.M. at 70°F.

Control Device: Bin Vent Dust Arrestor.

CERTIFICATION


Raphael Hodge, P.E.,
Director of Engineering
For the Commissioner

Application for Renewal of this Certificate of Operation must be filed at the Department of Environmental Protection no later than ninety (90) days prior to its Expiration Date

Should significant scientific evidence from a recognized institution should result in a decision by NYSDEC that lower ambient guideline concentrations must be established, it may be necessary to reduce emissions from this source (s) prior to the expiration of this Triennial Certificate of Operation

9.6. / E047

Steven W. Lawitts
Acting CommissionerDISPLAY CERTIFICATE ON PREMISES NEAR EQUIPMENT
"NOT VALID WITHOUT OFFICIAL SEAL"

Application No.	PA 456-97 K
Date Inspected	01/21/2010
Date Issued	
Expiration Date	04/07/2013

EP#	142
ER	C

P.E.

OWNER

Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, N.Y. 11211

DEP Premise Address: 430 Maspeth Avenue Fir. # Yard Boro: Brooklyn
TRIENNIAL CERTIFICATE OF OPERATION


The holder of this Certificate is responsible for the use of the equipment in accordance with all applicable requirements and provisions of the New York City Air Pollution Control Code. The Commissioner may suspend or revoke this Certificate for willful or continued violation of the Code. Any purported or attempted transfer of a Certificate of Operation from one location to another or from one piece of equipment to another automatically revokes the Certificate. Sec. 24-135 NYC Air Pollution Code.

Description of Installation: Concrete Batching Plant.

Used: 8 Hrs/Day 200 Days/Year
 Description of Equipment: Cement Delivery Truck, equipped with integral Blower, to convey cement to silo.
 Exhaust System: Integral Vent with filters, delivering 350 C.F.M. @ 70°F.

Control Device: Bin Vent Dust Arrestor.

RECERTIFICATION


 Raphael Hodge, P.E.,
 Director of Engineering
 For the Commissioner

Application for Renewal of this Certificate of Operation must be filed at the Department of Environmental Protection no later than ninety (90) days prior to its Expiration Date

Should significant scientific evidence from a recognized institution should result in a decision by NYSDEC that lower ambient guideline concentrations must be established, it may be necessary to reduce emissions from this source (s) prior to the expiration of this Triennial Certificate of Operation

9.6. / E047



Steven W. Lawitts
Acting Commissioner

DISPLAY CERTIFICATE ON PREMISES NEAR EQUIPMENT
"NOT VALID WITHOUT OFFICIAL SEAL"

Application #	PA 459-97 M
Date Inspected	01/21/2010
Date Issued	
Expiration Date	04/07/2013

EP#	7
ER	C

P.E.

OWNER

Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, N.Y. 11211

DEP Premise Address: 430 Maspeth Avenue Flr. # Boro. Brooklyn

TRIENNIAL CERTIFICATE OF OPERATION

The holder of this Certificate is responsible for the use of the equipment in accordance with all applicable requirements and provisions of the New York City Air Pollution Control Code. The Commissioner may suspend or revoke this Certificate for willful or continued violation of the Code. Any purported or attempted transfer of a Certificate of Operation from one location to another or from one piece of equipment to another automatically revokes the Certificate. Sec. 24-135 NYC Air Pollution Code


Description of Installation: Concrete Batching Plant.

Used: 8 Hrs/Day 200 Days/Year

Description of Equipment: Shroud, located at concrete Truck Filling
Hopper, connected with Duct Work to cartridge type
Dust Arrestor, located on roof of Building.

Exhaust System: and Integral Fan with SOS # 3400 cartridge
Control Device: Vent Arrestor, 20 H.P. motor, delivering
4,750 C.F.M. @ 70° F

RECERTIFICATION


Raphael Hodge, P.E.
Director of Engineering
For the Commissioner

Application for Renewal of this Certificate of Operation must be filed at the Department of Environmental Protection no later than ninety (90) days prior to its Expiration Date

Should significant scientific evidence from a recognized institution should result in a decision by NYSDEC that lower ambient guideline concentrations must be established, it may be necessary to reduce emissions from this source (s) prior to the expiration of this Triennial Certificate of Operation

9.6. / E04



DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Environmental Compliance
59-17 Junction Boulevard, 9th Floor, Flushing, New York 11373-5108
Records Control (718) 595-3855

Steven W. Lawitts
Acting Commissioner

DISPLAY CERTIFICATE ON PREMISES NEAR EQUIPMENT
"NOT VALID WITHOUT OFFICIAL SEAL"

Application PA#	PA 457-97H
Date Inspected	01/21/2010
Date Issued	
Expiration Date	04/07/2013

EP#	3 & 4
ER	C

P.E.

OWNER

Empire Transit Mix, Inc.
430 Maspeth Avenue
Brooklyn, N.Y. 11211


DEF Premise Address: 430 Maspeth Avenue Flr.# Yard Boro: Brooklyn
TRIENNIAL CERTIFICATE OF OPERATION

The holder of this Certificate is responsible for the use of the equipment in accordance with all applicable requirements and provisions of the New York City Air Pollution Control Code. The Commissioner may suspend or revoke this Certificate for willful or continued violation of the Code. Any purported or attempted transfer of...a Certificate of Operation...from one location to another or from one piece of equipment to another automatically revokes the Certificate. Sec. 24-135 NYC Air Pollution Code.

Description of Installation: Concrete Batching Plant.

Used: 8 Hrs/Day 200 Days/Year
Description of Equipment: Cement Delivery Truck, equipped with integral Blower, to convey Cement to Silo.
Exhaust System: Integral Vent with filters, delivering 350 C.F.M. at 70°F.
Control Device: Bin Vent Dust Arrestor.

RECERTIFICATION


Raphael Hodge, P.E.
Director of Engineering
For the Commissioner

Application for Renewal of this Certificate of Operation must be filed at the Department of Environmental Protection no later than ninety (90) days prior to its Expiration Date

Should significant scientific evidence from a recognized institution should result in a decision by NYSDEC that lower ambient guideline concentrations must be established, it may be necessary to reduce emissions from this source (s) prior to the expiration of this Triennial Certificate of Operation.

9.6. / E047

FIRE DEPARTMENT, CITY OF NEW YORK - BUREAU OF FIRE PREVENTION



31

PERMIT IS NOT TRANSFERABLE
TO ANY OTHER PERSON, FIRM
OR CORPORATION AND MAY
BE REVOKED AT ANY
TIME BY THE FIRE COMMISSIONER

PERMIT SHALL BE
PROMINENTLY DISPLAYED
ALL TIMES ON PREMISES

FIRE DEPARTMENT, CITY OF NEW YORK

PERMIT

BUREAU OF FIRE PREVENTION

ACCOUNT NUMBER	TYPE	A.P.	D.O.	ADM. CO.	ISSUANCE DATE	PERMIT EXPIRES
05250071	10	E	11	E206	07/18/12	07/13

PREMISES ADDRESS	ACCOUNT NAME
------------------	--------------

CORP.
430 MASPETH AVE
BROOKLYN, NY 11211

MASPETH AVE OPERATING

ITEM CODE	SUB CODE	QTY	DESCRIPTION	FLOOR NO.	FEE
347	00	1	USE O2/COMB GASES IN BLOWPIPE	1	PAID
373	00	1	A/C UP TO 3 UNITS	1	PAID
193	00	1	COM-MX/LQ STR/USE/SEL>500-2500	1	PAID
346	00	1	ACETYLENE STORAGE	1	PAID
374	00	1	A/C EACH ADDITIONAL 6 UNITS	1	PAID
712	00	1	INFL MIX/LIQ STR/USE/SEL<=550G	1	PAID
345	00	1	COMPRESSED GASES ONLY STR/USE	1	PAID
190	00	1	COM-MX/LQ STR/USE SEL>10-550G	1	PAID
345	08	1	STR/HANDLE/USE LPG	1	PAID
025	00	1	SITE INSPECTION-BURIED TANKS	1	PAID

PERMIT TYPE
1

ANNUAL FEE

PAID

- 1=REGULAR
- 2=SUPPLEMENTAL
- 3=DUPLICATE

MASPETH AVE OPERATING
430 MASPETH AVE
BROOKLYN NY 11211-1704



2012229241

1-3000G, 13/550, 1/1080 FILED
SEALED AFFIDAVIT/4000 DIESEL USED
345-00-01 USED FOR OXYGEN

BY ORDER OF THE COMMISSIONER

ASBESTOS EXEMPTION CERTIFICATION LETTER

Application No. _____

Block 2928

Lot 30

Address 430 MASPETH AVENUE, BROOKLYN

301568346

DEPT. OF BLDGS.

A / K / A _____

State proposed work covered by above application in detail with location(s):

INSTALLATION OF SANDFILTER. NO CHANGE TO USE, EGRESS

NOR-OCCUPANCY.

As the duty authorized agent for the above premises, I hereby certify that the work filed for the above address is exempt from the asbestos form requirement as defined in section 8.152 (A) 1 of regulations promulgated by the New York City Department of Environmental Protection.

Applicant Signature

Affix Seal of Registered Architect, Professional Engineer,
Licensed Plumber, Licensed Oil Burner Installer*

Date 6/30/03 20



Warning: Any person who shall knowingly make a False Statement or who shall knowingly allow this statement to be falsified shall be guilty of a misdemeanor under section 26-124 (643A--10.0**) of the Administrative Code, and shall be punished by a fine of not more than \$500.00 or by imprisonment of not more than 6 months, or both.

Note: Form must be filed in duplicate

*If applicant is not an R.A., P.E., Licensed Plumber, or Licensed Oil Burner Installer, the Borough Superintendent / Commissioner must approve

** Previous section number



☒ [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
NYC DEP Boiler Information

Premises: 436 MASPETH AVENUE BROOKLYN

Application #: CA189294N

Issued: Jun 08, 2011

Make / Model: BEST 4C 150

Number of Identical Units: 1

Type: Certificate to Operate

Expires: Jun 08, 2014

Primary Fuel: NATURAL GAS

BIN: 3350135 Block: 2928 Lot: 30

Owner: EMPIRE TRANSIT MIX INC.

Secondary Fuel:

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



Carter H. Strickland Jr.
Commissioner

Michael Gilsenan
Assistant Commissioner
Environmental Compliance

Department Of Environmental Protection
Bureau of Environmental Compliance

59-17 Junction Blvd., Flushing, NY 11373
Records Control
(718) 595-3855

Date: 12/19/2011
Time: 17:43:24

Certificate to Operate

Facility No.: 3 XBSS
Installation: CA189294 N
Expires On: 6/8/2014

Owner:

EMPIRE TRANSIT MIX INC.
430 MASPETH AVENUE
BROOKLYN NY 11211

PE/RA:

Facility:

MASPETH AVE PLANT INC.
430/434 MASPETH AVENUE
BROOKLYN NY 11211

Agent:

Floor B

Boiler Make & Model: BEST 4C 150 # of Identical Units: 1

Boiler Type: 2 Source Code: A7320 Air Intake: 1 Heat Input: 6.30x10⁶ Gross BTU Rating: 6.30

Burner 1 Make & Model: IRON FIREMAN PAGO-6.3 RK

Fuel Type: 52

Burner Type: 62 # of Burners: 1

Usage: Avg. Fuel/Hr.: 6300 Max Fuel/Hr.: 6300 Avg. Fuel/Year: 11500000 Fuel Supplier:

% By Season: Winter: 25 Spring: 25 Summer: 25 Fall: 25 Hours/Day: 5 Days/Year: 365

Burner 2 Make & Model:

Fuel Type: 0

Burner Type: # of Burners: 0

Usage: Avg. Fuel/Hr.: 0 Max Fuel/Hr.: 0 Avg. Fuel/Year: 0 Fuel Supplier:

% By Season: Winter: 0 Spring: 0 Summer: 0 Fall: 0 Hours/Day: 0 Days/Year: 0

Special Conditions / Limitations:

Min Boiler Water Temp: 0 -- OR -- Steam Pressure: 0

Certificate of Operation

The holder of this certificate of operation is responsible for the use of the equipment in accordance with all the applicable requirements and provisions of the New York City Air Pollution Control Code. Violations of the Air Pollution Control Code can result in the imposition of penalties by the Environmental Control Board. This Certificate must be posted in the vicinity of the designated equipment. It may not be transferred to any other equipment.

Application for renewal of this certificate of operation must be submitted no later than ninety (90) days prior to the expiration date.

R. Radhakrishnan, P.E.,
Director of Engineering

Technical Report Statement of Responsibility

Please File 3 Copies
 This Form Must Be Typewritten

Job Number

301568346

DEPT. OF BLDGS.

1 Filing Status

<input checked="" type="checkbox"/>	Identification of Responsibilities	<input checked="" type="checkbox"/>	Directive 14 Inspection Request	<input type="checkbox"/>	Withdrawal of Responsibility
<input type="checkbox"/>	Certification of Completed Inspections/Tests	<input type="checkbox"/>		<input type="checkbox"/>	

2 Location

House No(s).	430	Street Name	MASPETH AVENUE
--------------	-----	-------------	----------------

3 Applicant

Last Name	TOSCANO	First Name	PHILIP	M.I.	
Business Name	PHILIP TOSCANO, ARCHITECTS			Business Phone (718)	349-3350
Address	415 GRAHAM AVENUE	City	BROOKLYN	State	N.Y. ZIP 11211
P.E.	<input checked="" type="checkbox"/>	R.A.	<input type="checkbox"/>	Lic. No.	020848

4 Items

Inspections & Tests		Code/Section	Identification of Responsibilities Initials & Date	Certification of Completed Inspections Initials & Date
<input type="checkbox"/>	Borings/Test Pits	TR-4 27-720		
<input type="checkbox"/>	Piling	TR-5 27-721		
	Subgrade	27-723, Dir 15/71		
	Controlled Fill	27-679(a)		
	Underpinning	27-724		
	Soil Bearing Pressure	AI-1 27-678		
	Welding	27-616		
	Aluminum	Table 10-2		
	Laminated Wood	Table 10-2		
	High Strength Bolts	Table 10-2		
	Cable Fittings	Table 10-2(640)		
	Smoke Test	27-868		
	Fire Stops	27-345		
	Engineer/Installer Ventilation Certificate	27-779		
	Fuel Burning/Storage	27-794		
	Noise Control Tests	27-768, 769, 770		
	Refrigeration System	27-781		
	High Pressure Steam	R & Reg 8/1/82		
	Soil Percolation Test - Dry Well	RS16-P113		
	Soil Percolation Test - Septic	RS16-P113.9		
	Curtain/Panel Wall	R & Reg 9/29/83		
	Shoring	27-1010		
	Structural Stability	R & Reg 10/16/92		
	Spray On Fireproofing	27-324		
	Reinforced Masonry	Table 10-2		
	Masonry Units	RS 10-3.3.2		
	Concrete	27-603		
	Concrete - Precast	27-607		
	Concrete - Prestressed	27-607		
	Concrete Design Mix	TR-3 27-605		
	Concrete Test Cylinders	TR-2 27-607a(1)		
	Sprinkler Test (hydrostatic)	27-967		
	Standpipe Test	27-951		
	Fire Alarm Test	27-977		
	Chimneys	27-856		
	Emergency Generators	27-794		
	High Pressure Gas	RRS 16-P115		
	Heating System/Boilers	27-793		
	Tenant Protection Plan	R & Reg 1/6/84		
	Ventilation/Air Conditioning			
	Laminated I Beam Notification to FDNY			
	Septic System Installation	RS16-P113.3		
	Drywell Installation	RS16-P110.13		
	TPPN2/00 Lt. Gauge Steel/Wood Fl. Trusses/Lam. I-Beam			
<input checked="" type="checkbox"/>	Final Inspection	Directive 14		

SELF CERTIFICATION
 APPLICATION

6/30/03 AS

Sheet Number of Sheets

☒ Report Required